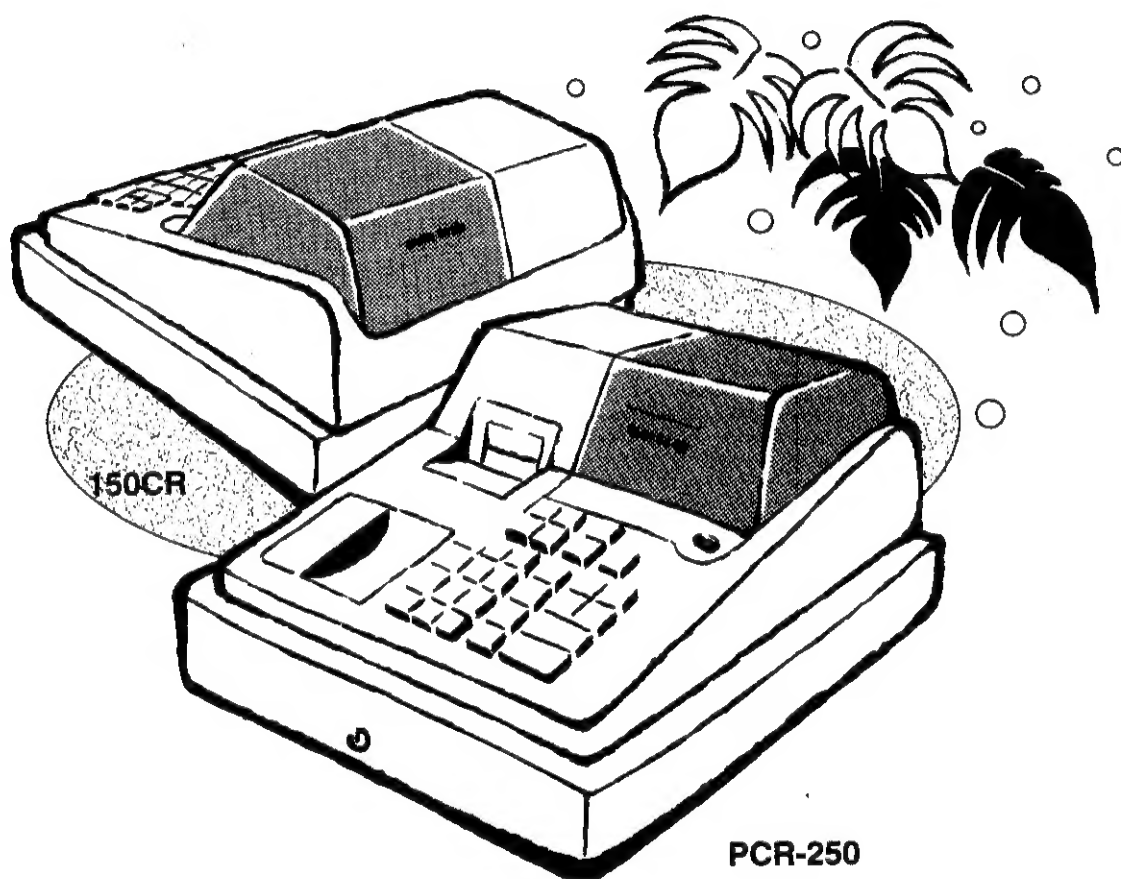


# PCR-250

# 150CR

## Electronic Cash Register



### User's Manual

**START-UP is QUICK and EASY!**

**Simple to use!**

8 departments and 16 PLUs

Automatic Tax Calculations

Calculator function

# CASIO®



# Introduction

Thank you very much for purchasing this CASIO electronic cash register.  
START-UP is QUICK and EASY!

Part-1 of this User's Manual can help you make a quick start.

Once you have mastered the QUICK START operations, you will undoubtedly want to expand your use of this machine by studying other sections of Part-2.

## IMPORTANT

FOR PROGRAMMING ASSISTANCE  
PLEASE CALL TOLL FREE

1-800-638-9228  
(1-800-661-2274 in Canada)

### CASIO Authorized Service Centers

If your CASIO product needs repair, or you wish to purchase replacement parts, please call 1-800-YO-CASIO.

### Power Supply

Your cash register is designed to operate on standard household current (120 V, 50/60 Hz). Do not overload the outlet by plugging in too many appliances.

### Original Carton/Package

If for any reason, this product is to be returned to the store where purchased, it must be packed in the original carton/package.

### Cleaning

Clean the cash register exterior with a soft cloth which has been moistened with a solution of a mild neutral detergent and water, and wrung out.

Be sure that the cloth is thoroughly wrung out to avoid damage to the printer.

Never use paint thinner, benzene, or other volatile solvents.

### Location

Locate the Cash register on a flat, stable surface, away from heaters or areas exposed to direct sunlight, humidity or dust.

### NOTE

This User's Manual is also available in Spanish. To receive a copy in Spanish please call:

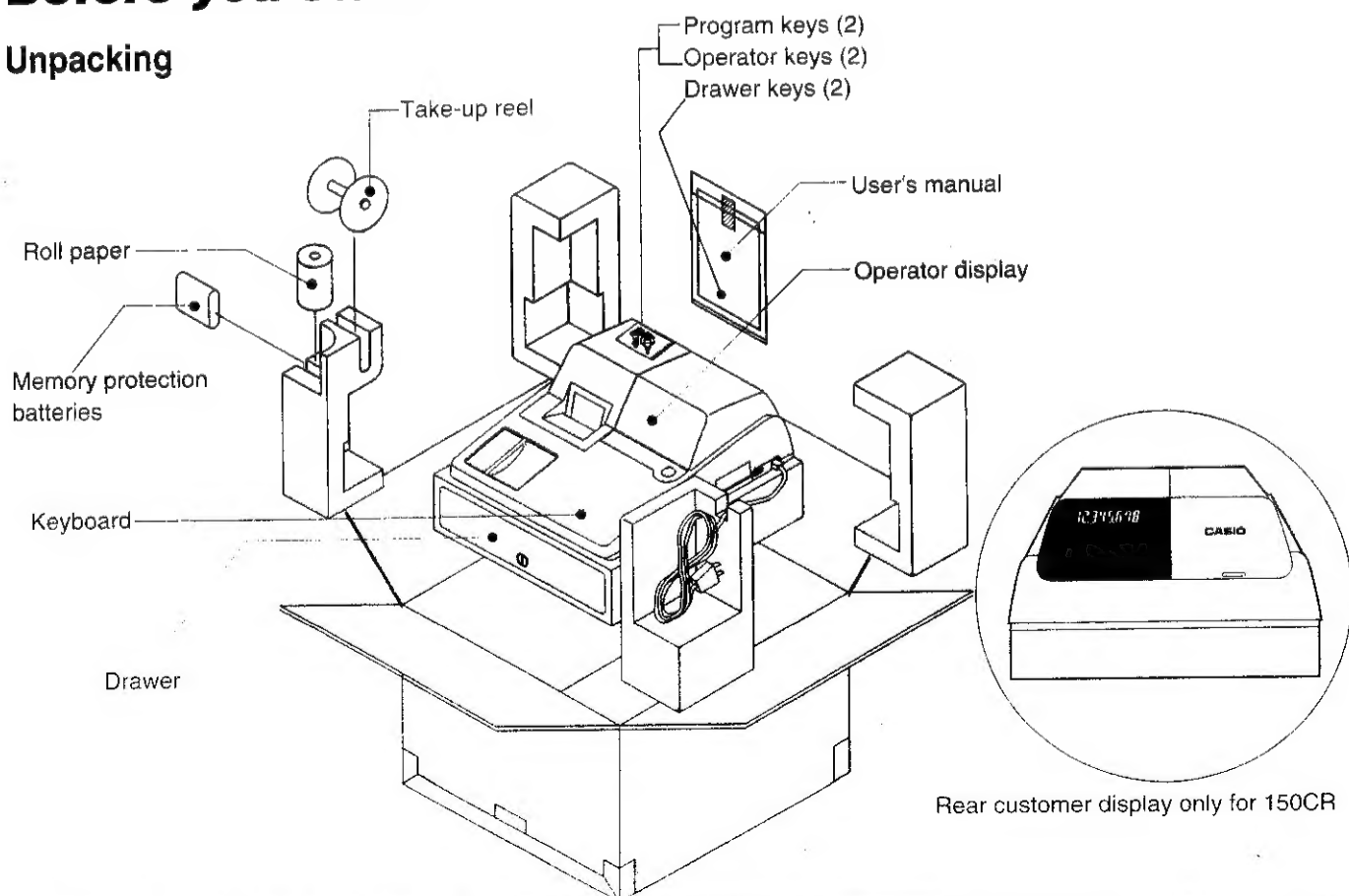
1-800-YO-CASIO

# Contents

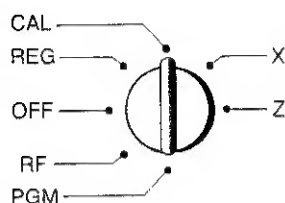
Getting to know your cash register .....	2
Daily Job Flow .....	4
<b>Part-1 QUICK START OPERATION .....</b>	<b>5</b>
(You can operate this ECR on a basic level by reading the following sections)	
1. Initialization .....	5
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3. Basic Programming for QUICK START – TIME/DATE .....	7
4. Basic Operation after Basic Programming .....	13
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(Please keep these sections to expand your use.)	
1. Various Programming .....	18
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## Before you start

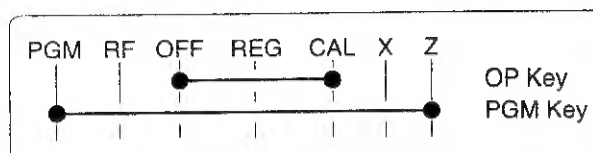
### Unpacking



## Getting to know your cash register



The position of the Mode Switch controls the type of operations you can perform on the cash register. The PROGRAM Key (marked PGM) that comes with the cash register can be used to select any Mode Switch setting, while the OPERATOR Key (marked OP) can be used to select OFF, REG or CAL only.



### Note:

An error is generated (E01 displayed) whenever the position of the Mode Switch is changed during registration or programming.

### OFF

In this position, the power of the cash register is off.

### REG (Register)

This is the position used for registration of normal transactions.

### RF (Refund)

This is the position used for registration of refunds.

### CAL (Calculator)

This is the position used for calculator mode.

### PGM (Programming)

This is the position used to program the cash register to suit the needs of your store.

### X (Read)

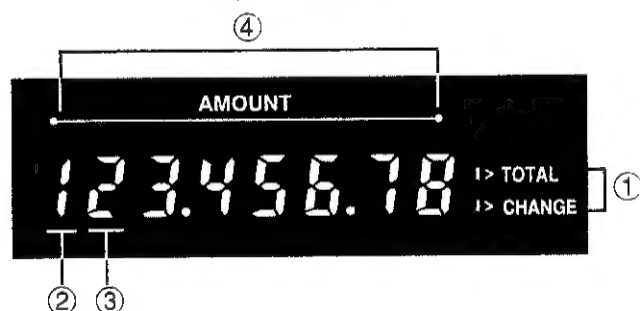
This is the position used to produce reports of daily sales totals without clearing the totals.

### Z (Reset)

This is the position used to produce reports of daily sales totals. This setting clears the totals.

## Displays

Operator Display



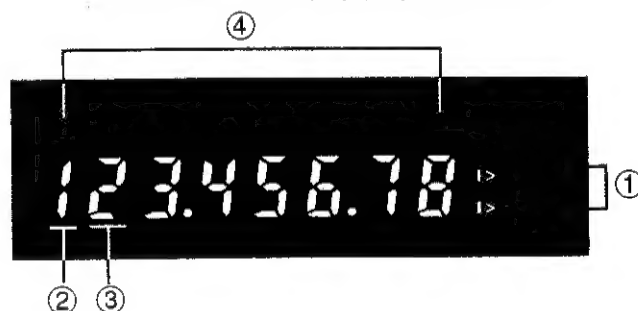
### ① Total/Change Display

The total (upper segment) or change (lower segment) sign appears when a subtotal, total or change is obtained.

### ② Department Number Display

Anytime you press a department key to register a unit price, the corresponding department number appears here.

Rear Customer Display (only for 150CR)



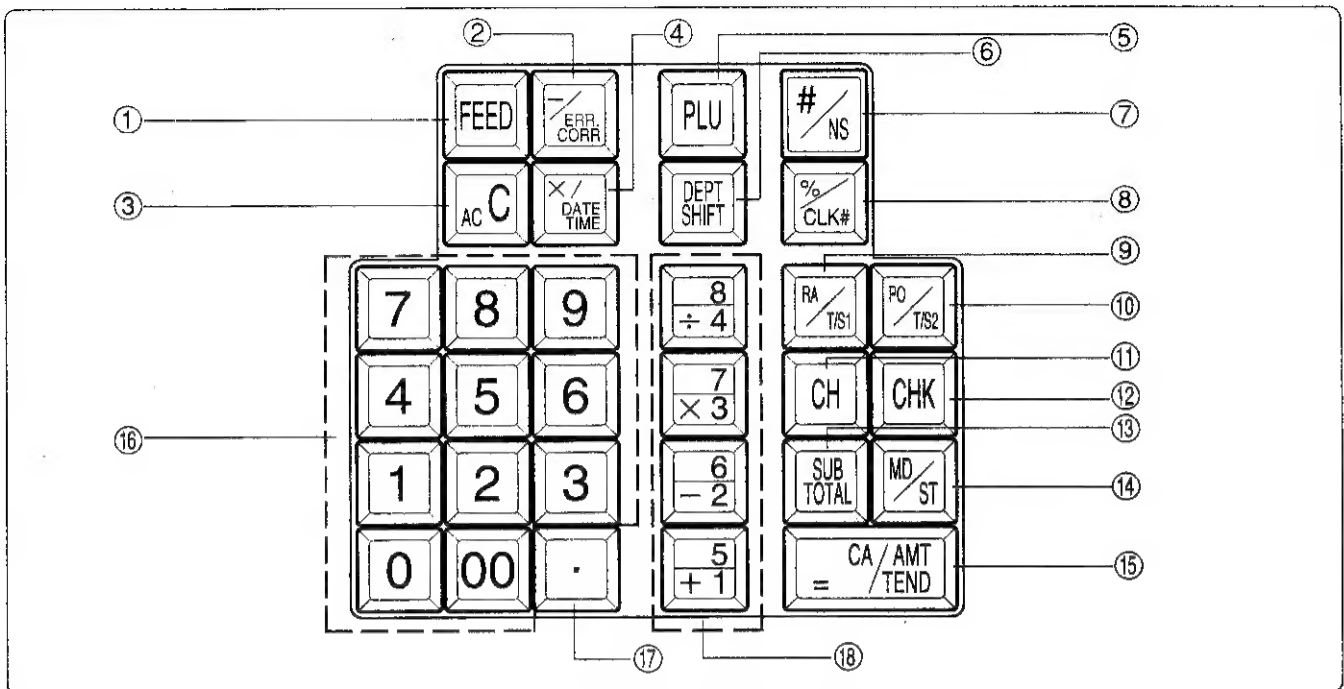
### ③ Number of Repeat Display

Anytime you perform "repeat registration" (page 13), the number of repeats appears here. Note that only one digit is displayed for the number of repeats.

### ④ Numeric Display

Entered values (unit prices or quantities) and calculated values (subtotals, totals or change amount due) are displayed here. The capacity of the display is 8 digits. This part of the display can be used to show the current time or date between registrations (page 31).

## Keyboard



Certain keys have two functions; one for register mode and one for calculator mode.

In this manual, we will refer to specific keys as noted below to make the operations as easy to understand as possible:

### Register Mode

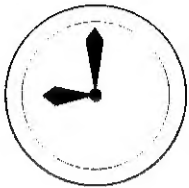
- ① **FEED** Feed Key
- ② **7/ERR CORR** Minus/Error Correction Key
- ③ **AC C** Clear Key
- ④ **x/DATE TIME** Multiplication/Date Time Key
- ⑤ **PLU** PLU (Price Look Up) Key
- ⑥ **DEPT SHIFT** Department Shift Key
- ⑦ **#/NS** Reference Number/No Sale Key
- ⑧ **%/CLK#** Percent/Cashier ID No. Assignment Key
- ⑨ **RA/T/S1** Received On Account/Tax Status 1 Shift Key
- ⑩ **PO/T/S2** Paid Out Key/Tax Status 2 Shift Key
- ⑪ **CH** Charge Key
- ⑫ **CHK** Check Key
- ⑬ **SUB TOTAL** Subtotal Key
- ⑭ **MD/ST** Merchandise Subtotal Key
- ⑮ **= CA/AMT TEND** Cash Amount Tendered Key
- ⑯ **0, 1 ~ 9, 00** Numeric Keys and 2-zero key

- ⑰ **.** Decimal key
  - ⑱ **+1 -2 x3 ÷4** Department Keys
- \* Departments 5 through 8 are specified by pressing the **DEPT SHIFT** key respectively as follows:
- DEPT SHIFT** **+1** → Department 5    **DEPT SHIFT** **x3** → Department 7
  - DEPT SHIFT** **-2** → Department 6    **DEPT SHIFT** **÷4** → Department 8

### Calculator Mode

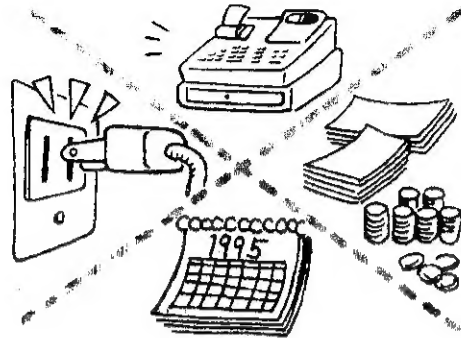
- ③ **AC c** AC Key
- ⑤ **PLU** Memory Recall key
- ⑧ **%/CLK#** Percent Key
- ⑯ **0, 1 ~ 9, 00** Numeric Keys and 2-zero key
- ⑰ **.** Decimal key
- ⑱ **+1 -2 x3 ÷4** Arithmetic Operation Keys
- ⑮ **= CA/AMT TEND** Equal Key

## **Daily Job Flow**



### **Before Opening The Store**

1. Plugged in?
2. Enough Roll Paper?
3. Date and Time is correct?
4. Enough small change in the drawer?



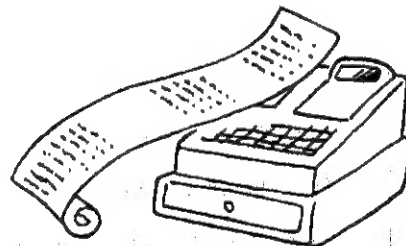
### **While The Store Is Open**

1. Registrations.
2. Issuing latest daily sales total if needed.  
(Generating report by Mode Switch to X position.)



### **After Closing The Store**

1. Issuing Daily Sales Total.  
(Resetting report by Mode Switch to Z position.)
2. Picking up money in the drawer.
3. Turn the Mode Switch to OFF.





## QUICK START OPERATION

Part-1

### 1. Initialization and Loading Memory Protection Battery

#### Important

You must initialize the Cash register and install the memory protection batteries before you can program the cash register.

#### ► To initialize the cash register

1. Set the Mode Switch to OFF.
2. Plug the power cord of the cash register into an AC outlet.
3. Load the memory protection batteries.
4. Set the Mode Switch to REG.

#### ► To load the memory protection batteries

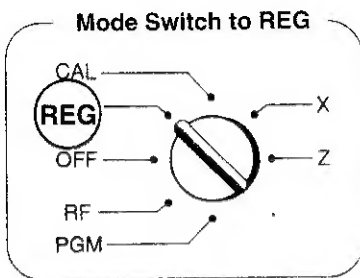
1. Remove the printer cover.
2. Press down on the oval just behind the printer paper inlet, and slide the battery compartment cover toward the back of the cash register (Figure 1).
3. Load 3 new UM-3, R6P (SUM-3) or LR6 (AM-3) type batteries into the compartment. Be sure that the plus (+) and minus (-) ends of each battery are facing in the directions indicated by the illustrations inside the battery compartment.
4. Slide the memory protection battery compartment cover back into place.
5. Replace the printer paper and printer cover.



(Figure 1)

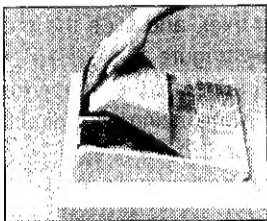
**REPLACE MEMORY PROTECTION BATTERIES AT LEAST ONCE EVERY YEAR.**

## 2. Loading Paper Roll And Replacing The Printer's Ink Roll



### 1. To load journal paper

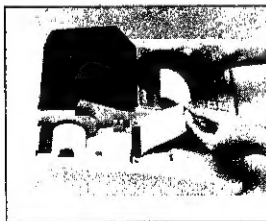
- ① Remove the printer cover by lifting up the back.



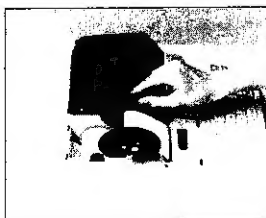
- ② Put a roll of journal paper into the holder.
- ③ Cut the leading end of the roll paper with scissors and insert the paper into the inlet.



- ④ Press the **FEED** key until 20 or 30 cm of paper is fed from the printer.
- ⑤ Roll the paper onto the take-up reel a few turns.



- ⑥ Set the left plate of the take-up reel and place the reel into the register.

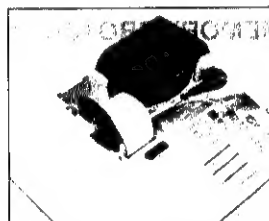


- ⑦ Press the **FEED** key to take up any slack in the paper.
- ⑧ Replace the printer cover by placing the cover's front tab into the register's groove.

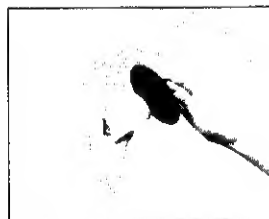


### 2. To remove journal paper

- ① Remove the printer cover following the instructions above.
- ② Press the **FEED** key until approximately 20cm of the paper is fed from the printer.
- ③ Cut off the roll paper.



- ④ Remove the take-up reel from the printer and take off the left plate of the reel.
- ⑤ Remove the journal paper from the take-up reel.



- ⑥ Cut off the paper left in the printer and press the **FEED** key until the remaining paper is fed out from the printer.



- ⑦ Remove the core of the paper.



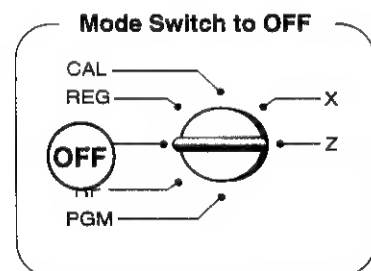
- ⑧ Load new paper following the instructions above, and replace the printer cover.

Default printer setting is for Journal.

To print receipts, please refer to 1-7-3 on page 23 to switch the printer for Receipt or Journal.

### ► To load receipt paper

- ① To use the printer to print receipts, follow steps 1 through 4 of "To load journal paper".
- ② Pass the leading end of the receipt paper through the printer cover's paper outlet and replace the printer cover.
- ③ Tear off any excess paper.



### ► To replace the Ink roll

- ① Remove the printer cover.
- ② Lift up the tab on the ink roll marked "PULL UP".

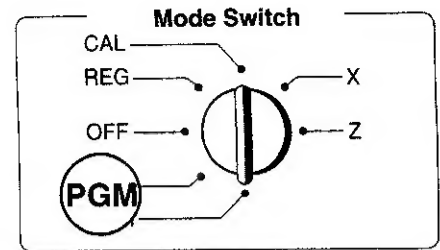


- ③ Install a new Ink Roll and press it down firmly but gently until it snaps into place.
- ④ Replace the printer cover onto the cash register.
- ⑤ Press the **#/NS** key to check for correct operation.

**Options:** Roll paper - P-5860  
Ink Roll - IR-40



### 3. Basic Programming for QUICK START

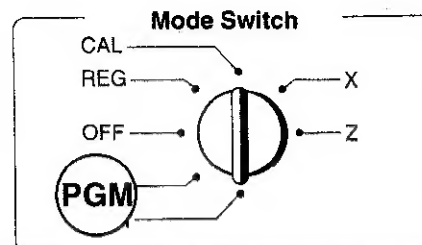


Part-1

Procedure	Purpose
1. Insert the PROGRAM key (marked "PGM") and rotate to PGM position.	Programming
<p>2. Press the following keys to set the current time.</p> <p>Example: 13:18 PM = 1318</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <div>1</div> <div>3</div> <div>1</div> <div>8</div> </div> <div style="margin: 0 10px;"> <div>Time</div> <div>Minutes</div> </div> <div style="text-align: center;"> <div>1</div> <div>8</div> </div> </div> <p>• Enter 4 digits • 24-hour time format</p>	Setting the current time
<p>3. Press the following keys to set the current date.</p> <p>Example: January 8, 1995 = 950108</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <div>9</div> <div>5</div> <div>0</div> <div>1</div> </div> <div style="margin: 0 10px;"> <div>Year</div> <div>Month</div> </div> <div style="text-align: center;"> <div>0</div> <div>8</div> </div> </div> <p>• Enter 6 digits • Enter last 2 digits for year set. (1995 → 95)</p>	Setting the current date
<p>4. For USA</p> <p>Find the tax table for your state on pages 9 through 12 of this manual.</p> <p>Press the following keys to set the tax tables 1 and 2.</p> <p>Example 1: Set Alabama state tax 4%.</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <div>0</div> <div>1</div> <div>2</div> <div>5</div> </div> <div style="margin: 0 10px;"> <div>Program set code No. for tax table 1</div> </div> <div style="text-align: center;"> <div>3</div> <div>0</div> <div>1</div> <div>1</div> <div>0</div> <div>3</div> <div>0</div> <div>5</div> <div>4</div> <div>7</div> <div>3</div> <div>1</div> <div>1</div> <div>0</div> </div> </div> <p>• Enter 6 digits • Enter last 2 digits for year set. (1995 → 95)</p>	Setting the Tax table 1

FOR PROGRAMMING ASSISTANCE, PLEASE CALL TOLL FREE 1-800-638-9228

## Part-1 QUICK START OPERATION



Procedure	Purpose					
<p>Example 2: Set Colorado state tax 5.25%.</p> <div><div><div>3</div><div>SUB TOTAL</div></div><div><div>0</div><div>2</div><div>2</div><div>5</div><div>SUB TOTAL</div></div><div><div>5</div><div>.</div><div>2</div><div>5</div><div>=</div><div>CA / AMT / TEND</div></div><div><div>5</div><div>0</div><div>0</div><div>2</div><div>=</div><div>CA / AMT / TEND</div></div><div><div>SUB TOTAL</div></div></div> <p>P3 appears in mode display</p> <p>Program set code No. for Tax table 2</p> <p>5.25% tax</p> <p>50 for Round off and 02 for Add On</p> <p>(to end the setting)</p>	<p>Setting the Tax table 2</p> <div><table><tr><td>COLORADO</td></tr><tr><td>5.25%</td></tr><tr><td>5.25</td></tr><tr><td>5002</td></tr></table></div>	COLORADO	5.25%	5.25	5002	
COLORADO						
5.25%						
5.25						
5002						
<p>• Tax table 2 programming can set only tax rate, but not for a tax break point.</p> <p>4. For CANADA</p> <p>Find the tax table for your province on page 12 of this manual.</p> <p>Press the following keys to set the tax tables 1 and 2.</p> <p>Example 1: Set Quebec tax 9%.</p> <div><div><div>3</div><div>SUB TOTAL</div></div><div><div>0</div><div>1</div><div>2</div><div>5</div><div>SUB TOTAL</div></div><div><div>9</div><div>=</div><div>CA / AMT / TEND</div></div><div><div>9</div><div>0</div><div>0</div><div>2</div><div>=</div><div>CA / AMT / TEND</div></div><div><div>SUB TOTAL</div></div></div> <p>P3 appears in mode display</p> <p>Program set code No. for tax table 1</p> <p>9% tax</p> <p>90 for round up and 02 for Add On.</p> <p>(to end the setting)</p>	<p>Setting the Tax table 1</p> <div><table><tr><td>CANADA</td></tr><tr><td>QUEBEC</td></tr><tr><td>9%</td></tr><tr><td>9</td></tr><tr><td>9002</td></tr></table></div>	CANADA	QUEBEC	9%	9	9002
CANADA						
QUEBEC						
9%						
9						
9002						
<p>• Tax table 1 programming is used for the tax table includes break points and tax rate.</p> <p>Example 2: Set Ontario tax 10%.</p> <div><div><div>3</div><div>SUB TOTAL</div></div><div><div>0</div><div>2</div><div>2</div><div>5</div><div>SUB TOTAL</div></div><div><div>1</div><div>0</div><div>=</div><div>CA / AMT / TEND</div></div><div><div>5</div><div>0</div><div>0</div><div>4</div><div>=</div><div>CA / AMT / TEND</div></div><div><div>SUB TOTAL</div></div></div> <p>P3 appears in mode display</p> <p>Program set code No. for tax table 2</p> <p>10% tax rate</p> <p>50 for Round off and 04 for tax on tax code</p> <p>(to end the setting)</p>	<p>Setting the Tax table 2</p> <div><table><tr><td>CANADA</td></tr><tr><td>ONTARIO</td></tr><tr><td>10%</td></tr><tr><td>10</td></tr><tr><td>5004</td></tr></table></div>	CANADA	ONTARIO	10%	10	5004
CANADA						
ONTARIO						
10%						
10						
5004						
<p>• Tax table 2 programming can set tax rate and the tax table includes Tax-on Tax code (5004) as above example, but not for a tax break point.</p>						
<p>Tax status for the Departments are fixed as follows:</p> <p>Departments 1~4: Taxable status 1 and 2.</p> <p>Departments 5~8: Non-Taxable status.</p> <p>• See page 18 to change the fixed tax status.</p>						

FOR PROGRAMMING ASSISTANCE, PLEASE CALL TOLL FREE 1-800-661-2274 in Canada

**Tax Tables for USA**
**Part-1**
**A**

ALABAMA							
4%	5%	6%	6%	6% (4+1+1)	7%	8%	
0	0	0	0	0	0	0	
1	1	1	1	1	1	1	
1	1	1	1	1	1	1	
10	10	8	9	10	7	6	
30	28	24	20	20	21	18	
54	49	41	40	36	35	31	
73	69	58	55	54	49	43	
110	89	70	70	64	56		
	110		90	85	78	68	
			109	110	92	81	
					107	93	
						106	

ALASKA							
KENAI 2%	3%	HOMER SELODIA 3%	HANES 4%	JUNEAU 4%	KENAI 5%	KENAI SEWARD & SOLDOTNA 5%	6%
0	0	0	0	0	0	177	0
1	1	1	1	1	1	184	1
1	1	1	1	1	1	218	1
10	10	10	10	10	10	218	10
30	28	24	20	20	21	18	219
54	49	41	40	36	35	31	239
73	69	58	55	54	49	43	259
110	89	70	70	64	56		279
	110		90	85	78	68	300
			109	110	92	81	
					107	93	
						106	

ARIZONA						
4%	5%	6%	6.5%	6.7%	7%	
0	0	0	175	0	158	0
1	1	1	191	1	171	1
1	1	1	7	7	186	1
10	10	10	7	7	201	7
37	27	22	23	223	22	216
	47	39	38	236	37	231
	68	56	53	253	52	246
	89	73	69	269	67	261
	109	90	84	284	82	276
		107	99	299	97	291
		125	115		111	
		141	130		126	
		158	146		141	

ARKANSAS						
3%	4%	5%	6%	7%	7.5%	
0	0	0	0	0	0	0
1	1	1	1	1	1	1
1	1	1	1	1	1	2
14	12	10	8	7	6	
44	37	20	24	21	19	
74		40	41	35	33	
114		60	58	49	46	
		80		64		
		110		76		
				92		
				107		

**C**

CALIFORNIA													
6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%	7.75%	8%	8.25%	8.5%	8.75%	9%	10% Parking
0	141	0	0	130	299	675	0	121	725	131	725	0	99
1	156	1	1	145	5002	1	135	292	5002	1	135	1	99
7		7	7	161	10	8	149	307	10	3	1	123	11
10		10	10	176	20	10	164	20	20	8	5	135	99
22	21	20	192	20	34	20	178	32	19	17	147	99	124
39	37	35	207	48	33	192	46	33	33	29	158	99	134
56	54	51	223	64	47	207	60	46	46	41	170	99	144
73	70	67	238	80	62	221	74	59	59	52	182	99	154
90	86	83	253	96	76	235	88	73		64	194	99	
108	103	99	269	111	91	249	103			76	205	99	
124	119	115	284	127	107	264	117			88		99	

COLORADO																	
1.5%	2%	2.5%	3%	3.5%	3.6%	3.85%	4%	4.5%	5%	5.25%	5.5%	5.8%	5.75%	6%	6.35%	6.4%	6.45%
0	0	0	0	0	0	284	0	0	0	211	0	0	525	0	172	0	168
1	1	1	1	1	1	291	1	1	1	233	1	1	5002	1	180	1	186
1	1	1	3	2	5	318	2	2	5	255	2	1		6	209	7	204
33	24	19	17	17	17	347	16	17	17	277	17	16		17	227	18	222
99	74	59	49	42	41	375	37	37	33	299	29	18		27	245	25	240
166			83	71	69	63	62		55	49	51			45	263	43	43
233			116	99	97			77	99		69			63	281	61	60
			149	128	124			144			84			81	299	79	78
			183	157	152			166			118			99		97	96
				185	180			144						118	115	113	
				214	206			166						136	132	130	
				242	236			188						154	150	147	

COLORADO									
6.5%	6.6%	7%	7.01%	7.1%	7.2%	7.25%	7.3%	7.5%	8%
0	146	6.6	0	135	7.01	7.1	0	131	7.25
1	161	5002	1	149	5002	5002	1	145	5002
2	176		4	17			2	159	
17	192		17	21			17	173	
23	207		21	35			20	187	
38	223		35	49			34	201	
53			49	64			48	215	
69			64				62	229	
84			78				76	243	
99			92				90	256	
115			107				104		
130			121				118		

CONNECTICUT					
5.25%	6%	7%	7.5%	8%	
0	198	0	0	0	0
1	218	1	1	1	1
2		2	1	3	1
16		6	7	6	6
27		24	21	19	18
48		41	35	33	31
65		59	49	46	
84		74	64	59	
103		91	78	73	
122		108	92		
141		124	107		
160					
179					

**D**

DISTRICT OF COLUMBIA						
D.C. 5%	D.C. 5.75%	D.C. 6%	D.C. 6%	D.C. 6%	D.C. 7.3%	
0	575	0	0	0	0	105
1	5002	1	1	1	1	116
1	08	1	1	1	1	6
10		12	8	12	6	136
22		17	24	16	15	149
42		35	41	27	27	161
82		53	58	39	38	
62		71	74	50	49	
110		89	91	62	61	
		112	108	75	72	
				90	83	
				112	94	

**F**

FLORIDA						
4%	5%	Combined 5.25%	6%	6.2%	PANAMA CITY BEACH 6.5%	7%
0	178	0	525	0	62	0
1	209	1	5002	1	5002	1
5		1		1		1
9		9		9		9
25		20		16		15
50		40		33		30
75		60		50		46
109		80		66		61
129		109		83		76
150				109		92

**G**

GEORGIA				
3%	4%	5%	6%	
0	0	0	0	
1	1	1	1	
1	1	1	1	
10	10	10	10	
35	25	20	20	
66	50	40	35	
110	75	60	50	
	110	80	67	
		110	85	
			110	

**H**

HAWAII	
4%	
0	
1	
1	
12	
37	

# Part-1 QUICK START OPERATION

1

IDAHO					ILLINOIS													INDIANA					
3%	4%	4.5%		5%	1%	1.25%	2%	5%	6%	6.25%	6.5%	6.75%	7%	7.5%	7.75%	8%	8.75%	1%	4%	5%	MARION County	RESTAURANT	
0	0	0	227	0	0	0	0	0	0	0	161	675	0	0	775	0	875	0	0	0	0	0	
1	1	1	1	1	1	1	1	1	1	1	176	5002	1	1	5002	1	5002	1	1	1	1	1	
1	2	2		2	1	1	6	1	1	1	192		1	1	06	1	05	1	2	1	2	1	
15	11	15		11	49	39	24	12	8	7	207	8	6	6	6	6	18	49	15	9	15	9	
42	32	27		25	148	119	74	25	24	23	23	22	19	36	33	31	31	148	37	29	37	29	
72	57	49		45				46	41	38	53	50	48	65					62		49	49	
115		71						57	58	53	69	50	48	65						62	49	49	
		93						88		69	65	79		85						87	69	69	
		115						109		84	79	93		108						112	89	89	
		137						129		99	93									137	109	109	
		160								115	115												
		183								130	130												
		205								146	146												

K

IOWA				KANSAS																				
4%	5%	6%		2.5%	3%	3.1%	3.25%	3.5%	3.75%	4%	4.1%	4.5%	5%	5.25%	5.5%	5.85%	5.9%	6%	6.15%	6.4%	6.5%			
0	0	0		0	0	3.1	0	323	0	0	279	0	4.1	0	0	5.25	0	190	5.65	5.9	0	6.15	6.4	6.5
1	1	1		1	1	5002	1	353	1	1	306	1	5002	1	1	5002	1	209	5002	5002	1	5002	5002	5002
3	1	1		1	1	16	1	384	1	1	333	1	12	1	1	1	1	08	08	7	08	07	07	
12	9	8		19	16		15	14	13	359	12	11	9		9					8				
37	29	24		59	49		46	42	39	368	37	33	29		27					24				
50		41		99	83		76	71	66	413	62	55			45					41				
75		58		139	118		107	99	93		87	77			83					58				
		74		179			138	128	119		112	99			81					74				
		91					169	157	148			122			99					91				
		108					199	185	173			144			118					108				
							230		199			166			136					124				
							261		226			188			154					141				
							292		253			211			172					158				

L

KENTUCKY					LOUISIANA										
9.5%	10%	5%	6%		2%	3%	4%	4.5%	5%	6%	6%	7%	7.5%	8%	9%
0	110	0	0	0	0	0	0	0	0	0	0	161	0	0	0
1	121	1	1	1	1	1	1	1	1	1	1	178	1	1	1
1	131	1	6	2	2	2	2	1	6	2	17	192	1	2	7
05	142	04	10	8	24	16	12	11	10	8	7	207	7	6	4
15	152	14	25	24	74	49	37	33	27	24	23	223	21	19	16
26	163	24	46	41	124	82	62	55	47	41	38	238	35	33	29
38	173	34	67	58	174	118	87	77	67	58	53	253	49	48	42
47	184	44	88	74	224	149	112	99	87	74	69	269	64	59	55
57	194	54	109					122	109		84	284		87	81
68		64	129					144	129		99	299		80	72
78		74						168			115	315		93	83
89		84						188			130	330		106	94
99		94						211			146			105	

M

MAINE			MARYLAND		
5%	6%	7%	Meat Tax		
0	0	7	4%	5%	5%
1	1	0002	0	0	0
1	1	7	1	1	1
10	09	21	2	2	7
20	16	35	24	19	99
40	33	49	25	20	99
60	50	64	50	40	99
80	66	78			99
110	83	92			99
	109	100			100
					120
					140

MASSACHUSETTS					MICHIGAN					MINNESOTA					MISSISSIPPI				
4.825%	5%				4%	5%				6%	6.5%	7%	8%	8.5%	5%	6%	7%	8%	9%
0	227	0			0	0				0	0	161	0	0	0	0	0	0	123
1	248	1			1	1				1	1	176	1	1	1	1	1	1	135
13	270	1			7	2				1	1	192	1	1	1	1	1	1	147
10	291	9			12	10				6	7	207	7	5	5	5	5	5	158
32	313	29			31	24				24	23	21	17	17	26	24	21	16	170
54	335				54	41				41	38	35	29	182	47	41	35	31	182
75	356				81	58				58	53	49	41	194	68	58	49	43	194
97	378				108	74				89	84	78	64	205	88	74	64	56	205
115	399				135	91				99	92	76			106	91	78	68	205
140	421				162	108				115	107	88			128	108	92	81	76
162	443				187	124				130		99			107	106	93	86	72
183										146		111			106	99	94		72
205															111	105			72

MISSOURI																					
4.225%	4.8%	4.825%	4.725%	4.75%	4.8%	4.975%	5.05%	5.1%	5.225%	5.6%	5.825%	5.725%	6.1%	6.225%	6.3%	6.425%	6.475%				
0	0	0	227	0	0	0	211	0	0	5225	0	187	0	5725	0	0	188	0	163	0	182
1	1	1	248	1	1	1	1	1	1	5002	1	205	1	5002	1	1	184	1	178	1	177
1	1	13	270	4	3	3	1	5	1	15	223	1	1	2	200	8	198	1	194	13	193
11	10	10	291	10	10	10	10	9	9	8	241	8	8	8	216	7	214	7	210	7	208
35	32	32	313	31	22	31	30	19	28	28	258	26	24	24	232	23	230	23	225	23	223
59	54	54	335	52	43	52	50	39	49	44	276	44	40	40	248	39	248	38	241	38	239
82	76	75	356	74	65	72	70	59	68	62	294	62	57	56	265	55	265	54	258	54	264
	97	97	378	95	86	93	90	79	88	80	312	79	73	72	71		71	70	272	69	270
								98	107	98	330	97	90	88	87		87	86	287	84	285
										115	348	115	104	103	101		101		100	301	
										133	366	133	120	119	118		118		116	316	
										151	383	151	136	134	132		132		131	332	
										169		168		152	150		147		146		

NEBRASKA					NEVADA				
6.55%	6.725%	7.225%			3%	3.5%	5.75%	6%	6.25%
0	180	6725	7225		0	0	299	575	0
1	175	5002	5002		1	1	326	5002	1
9	190				2	6	357		2
7					14	14			8
22					49	38			24
38					83	64			41
53					116	88			58
68					149	118			74
83						157			87
99						185			103
114						214			119
129						242			135
145						271			151

**N**

NEW HAMPSHIRE			
Rooms & Meals		Rooms & Meals	
7%	7%	8%	
0	129	0	128
1	143	1	142
8	158	8	157
14	172	35	171
26	186	35	185
39	201	38	200
51		50	
63		62	
75		74	
88		87	
101		100	
115		114	

NEW JERSEY			
3%	3.5%	4%	7%
0	0	0	150
1	1	1	164
1	1	1	178
17	14	10	10
41	42	22	21
71	71	38	35
117	100	58	50
	128	72	64
	157	88	78
	185	110	92
	214		107
			121
			135

NEW MEXICO											
3.75%	4.25%	4.375%	4.5%	4.875%	5.175%	5.25%	5.375%	5.675%	5.75%		
0	280	0	247	0	239	0	4875	5175	0	199	5375
1	306	1	270	1	1	1	5002	5002	1	217	5002
13	333	1	294	4	1	1			11		
16	359	11	317	11	11	9			28		
40		35	341	34	33	47			66		
67		58	364	57	55	85			104		
93		82	388	79	78	123			142		
120		105	411	102	100	161			180		
146		129		125	122						
173		152		148	144						
200		176		171	167						
226		199		194	189						
253		223		217	211						

5.1875%	5.1875%
0	8.187
1	5002
4	8
9	
23	
40	
56	
72	
88	
104	
120	
136	
153	

NEW YORK											
4%	5%	5.25%	5.75%	6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%	8.5%
0	0	5.25	5.75	0	141	0	130	6.75	0	121	7.25
1	1	5002	5002	1	158	1	146	5002	1	135	5002
5	6			7	7	1	161	8	149	8	139
12	10			10	10	7	176	10	164	10	144
33	27			22	22	23	192	20	178	18	17
58	47			38	38	38	207	33	192	31	29
83	87			66	54	53		47	207	45	42
112	87			72	70	69		62		58	54
137	109			88	86	84		76		71	67
	129			108	103	99		91		85	79
				124	119	115		107		99	92

NORTH CAROLINA			
CHEROKEE Reservations			
3%	4%	4.5%	5%
0	0	0	188
1	1	1	211
4	5	6	233
9	9	9	255
35	29	25	277
70	59	53	299
118	84	75	322
149	112	95	
183	137	122	
216		144	
		168	

NORTH DAKOTA							
3%	4%	4%	5%	5.5%	6%	6.5%	7%
0	0	0	0	182	0	170	0
1	1	1	1	200	1	185	1
3	3	2	2	219	3	200	2
15	15	15	15	15	15	216	15
33	31	25	20	19	17	231	15
67	51	50	40	37	34	29	25
100	71	75		55	50	43	38
133	100	100		73	67	58	50
166	125	125		91	84	72	63
200				110		86	75
				128		100	88
				146		115	100
				164			

**O**

OHIO			
MEIGS Co			
5%	5.5%	5.75%	6%
0	0	146	5.75
1	1	164	5002
2	2	182	
15	15	200	
20	18	218	
40			
	54		
	72		
	90		
	109		
	127		

OKLAHOMA											
2%	3%	3.25%	4%	4.25%	4.5%	5%	5.25%	6%	6.25%	6.75%	
0	0	0	323	0	4.25	0	0	5.25	0	0	5.725
1	1	1	353	1	5002	1	1	5002	1	1	5002
1	1	1	384	1		2	1		1	1	
24	16	15	415	12		11	9		8	7	
74		49	446	37		33	29		24	23	
		83	476			55			41		
		116	507			77			58		
			538			99					
			569			121					
			599			144					

PENNSYLVANIA							
7%	7.25%	7.375%	8%	8.25%	8.25%	10.25%	
0	7.25	7.375	0	0	0	0	
1	5002	5002	1	1	1	1	
6		6	1	1	4	1	
8			6	6	5	4	
22			18	18	16	14	
37			31	30	27	24	
51				42	37	34	
65				54	48	43	
79				66	59		
94				78	70		
108				90	81		
122				103	91		

**P**

RHODE ISLAND			
6%	7%		
0	0	150	
1	1	150	
1	5	167	
10	10	184	
17	17	210	
34	34	217	
50	50	234	
67	50	250	
84	67	250	
110	84		
	110		
	117		
	134		

**R**

SOUTH CAROLINA			
4%	5%	6%	
0	0	0	
1	1	1	
1	1	1	
5	5	2	
10	10	10	
25	20	24	
50	40	41	
75	60	41	
112	90	58	
137	109	74	
	129	91	
		108	
		124	

**S**

SOUTH DAKOTA							
4%	5%	5.5%	6%	6.5%	7%		
0	0	0	190	0	0	181	0
1	1	1	210	1	1	178	1
1	1	1		1	1	192	4
12	10	10		9	7	207	7
37	30			25	23		21
				45	43		35
				64	60		49
				82	78		64
				100	92		78
				118	100		92
				136			107
				154			121
				172			135

**T**

TENNESSEE															
COUNTY TAX															
4.5%	5.5%	6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%	8%	8.25%	8.5%	8.75%			
0	188	0	154	354	0	0	130	0	125	0	121	0	117	0	7.75
1	211	1	172	372	1	1	148	1	140	1	130	1	130	1	5002
1			1	1	2	2	161	8	155	2	10	144	2	2	
11			10	209	10	10	178	10	170	10	10	158	10	10	
33			27	227	24	23	23	192	22	185	21	20	172	19	
55			45	245	41	38	38	207	51	199	35	34	185	33	
77			63	263	58	56	53	223	51	214	49	48		46	
99			81	281	74	71	69		66	229	64	61	59		
122			99	299		87	84		81	244	78	75			
144			119	318			99		96	259	92	89			
166			136	336			115		111	274	107	103			

## Part-1 QUICK START OPERATION

TEXAS																			
										HOUSTON (Harris County)									
4%	4%	4.125%	4.625%	5%	5.125%	5.25%	5.375%	5.5%	5.625%	6%	DALLAS	6%	6%	6.125%	6.25%	6.25%	6.75%	7%	7%
0	0	0	181	424	4.825	0	5.125	0	142	5.375	0	137	0	133	0	0	6.125	0	107
1	1	1	206	5002	1	5002	1	181	5002	1	55	1	151	1	1	1	6.250	1	1
1	1	1	230		1		12	180	5002	1	173	1	168	1	1	1	5002	1	1
12	12	12	254		9		28	219		27	191	8		8	9	8		7	7
37	37	36	278		28		47	238		45	209	26		44	24	25	24	23	21
	62	60	303		48		66			63		44		41	42	41	39	35	35
	87	84	327		69		85			81		58		59	58	55	55	49	49
		109	351				104			99		79		74	74	71	71	64	64
		133	375				123			116		97		91	91	87	87	78	78
		157	399							115				108	103	103		92	92

U

V

7.25%	7.5%	7.75%	8%	8.25%
7.25	0	0	96	0
5002	1	1	109	1
	1	5	122	1
	6	6	135	6
	19	19	148	19
	33	32	161	31
	46	45	174	
	59	58	187	
	73	70		
	86	83		

UTAH									
4.75%	5%	5.25%	5.375%	5.5%	5.75%	6%	6.25%	7%	7.25%
0	221	0	199	0	190	5.75	0	0	7.25
1	242	1	219	1	209	5002	1	1	5002
1	263	1	238	1			2	4	2
10	284	9	257	9			8	7	7
31	305	29	278	27	27		24	23	21
52	326	47	295	46	45		41	27	35
73	347	66	314	65	63		58	47	49
94	368	85	333	83	81		74	63	64
115	389	104	352	102	99				78
136	410	123	371	118					92
157		142	390	136					107
178		161	409	154					
199		180		172					

VERMONT				
3%	4%	5%	6%	7%
0	0	0	0	0
1	1	1	1	1
4	2	2	0	0
13	10	10	18	
33	25	20	31	
58	50	40	43	
100	80	60	56	
133	100	68		
168	120	81		
200	140	93		
		100		

VIRGINIA														
ARLINGTON COUNTY			FAIRFAX		FAIRFAX CITY		HAMPTON		LEESBURG		RICHMOND		ALEXANDRIA	
4%	4%	4.5%	5.5%	6.5%	6.5%	7%	7%	7%	7%	7%	7.5%	7.5%	7.5%	7.5%
0	214	484	0	0	188	0	149	0	124	0	0	0	116	0
1	234	512	1	1	211	1	166	1	144	1	1	1	122	1
21	259	537	2	5	233	4	188	1	166	13	149	1	144	2
14	284		12	15	255	11	211	11	174	14	169	7	14	14
34	314		37	33	277	14	233	24	188	29	184	21	14	14
59	334		62	55	299	33	246	33	211	34	184	35	34	34
84	359		87	77		55	255	55		44	214	49	59	59
114	384		112	99	77	74		59	214	64	59	64	59	59
134	414		137	122	99	77		74	234	78	84	84	77	77
159	434		144	122	99	84	249	84		92	84	84	83	83
0184	459		166	144	122	114	259	107		114		114	99	99

W

NORFOLK CITY				
Meal tax	9%			
0000	99	211	0	89
0001	99	233	1	99
8	122	233	1	110
11	122		5	121
33	144		15	131
44	144		26	142
44	166		36	152
55	166		47	163
55	188		57	173
77	188		68	184
77	211		78	194

WASHINGTON														
7%	7.2%	7.3%	7.5%	7.55%	4.125%	7.8%	7.8%	8%	8.1%	Combined 8.1%				
0	0	131	0	129	0	124	282	7.8	0	0	0	117	8.1	
1	1	1	1	143	1	138		0002	1	1	1	129	0002	
1	1	1	1	156	1	153	2	3	151	7	2	1	141	6
7	6	6	6	170	6	166	7	6	164	19	6	6	154	18
21	20	19	184	19	179	19	19	177	32	18	18	16	158	30
35	34	33	198	33	193	33	32	190	44	31	31	30	179	43
49	48	47	211	46	206	46	46	203	57	44		43	191	65
64	62	61	225	59		59	59	217	70	56		55	203	87
78	76	74	239	73	72	72	72	230	83			87		80
92	90	88	252	86		85	85	243				80		
107	104	102		99		98	98	256				92		
	118	115		113		111	111	269				104		

WEST VIRGINIA				
2%	3%	4%	5%	6%
0	0	0	0	0
1	1	1	1	1
2	2	1	2	2
25	5	12	5	5
50	35	37	20	18
100	70		40	33
	100			50
	136			67
				84
				100
				116

WISCONSIN			
4%	5%	5.5%	
0	0	0	190
1	1	1	209
1	1	1	
12	10	9	
37	21	27	
	41	45	
	61	63	
	81	81	
	110	99	
		118	
		136	
		154	
		172	

WYOMING			
3%	4%	5%	6%
0	0	0	0
1	1	1	1
2	2	2	3
24	24	24	24
49	37	29	24
83	62	49	34
116		89	51
149		99	68
		109	84

## Tax Table for CANADA

CANADA									
NOVA SCOTIA <sup>2</sup>	ONTARIO <sup>1</sup>	QUEBEC <sup>2</sup>	NEWFOUNDLAND <sup>2</sup>	ONTARIO <sup>1</sup>	BRITISH COLUMBIA <sup>1</sup>	MANITOBA	SASKATCHEWAN	ONTARIO	N.B. & P.E.I. <sup>1</sup>
10%	10%	10%	12%	12%	6%	6%	7%	8%	9%
10	10	10	12	0	0	6	7	0	9
5004	5004	5004	5004	1	1	5002	5002	1	9002
				4	2			3	
				25	14			25	
				25	24			25	
				25	41			31	
				29	58			43	
				37	74			56	
				45					
				54					

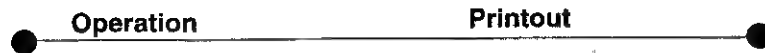
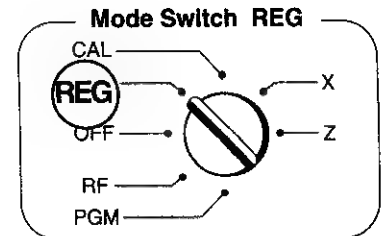
\*1 Must be programmed into Tax Table 1.

\*2 Must be programmed into Tax Table 2.

## 4. Basic Operation after Basic Programming

### Note:

Whenever an error is generated (E01 displayed), the input figures reset to 0.



### 4-1 Open the drawer without a sale

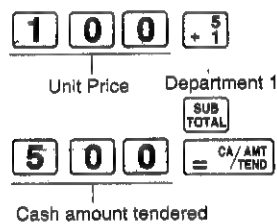
#/NS

..... NS No Sales Symbol

### 4-2 Basic operation

#### Example

Unit Price	\$1.00
Quantity	1
Dept.	1
Cash Amount tendered	\$5.00



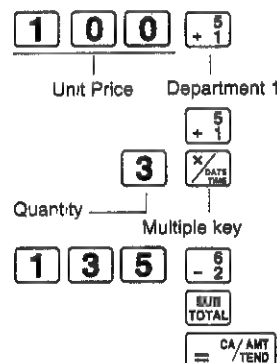
•1.00 1\* Unit Price/Department No.  
 •1.00 TA Subtotal  
 •0.04 TX Tax  
 •1.04 ST  
 •5.00 CA Cash Amount Tendered  
 •3.96 CG Change Amount Due

Departments 5 through 8 can also be registered in combination with the and , , , or keys, respectively.

### 4-3 Multiple registration of the same items

#### Example

Unit Price	\$1.00	\$1.35
Quantity	2	3
Dept.	1	2



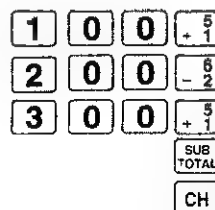
•1.00 1\*  
 •1.00 1\* Repeat  
 3 x Multiplication Symbol  
 •1.35 @ Unit Price Symbol  
 •4.05 2\* Department No.  
 •6.05 TA  
 •0.24 TX  
 •6.29 CA

Note that repeat registration can be used with unit prices up to 6 digits long.

### 4-4 Charge sales

#### Example

Unit Price	\$1 00	\$2 00	\$3 00
Quantity	1	1	1
Dept.	1	2	1

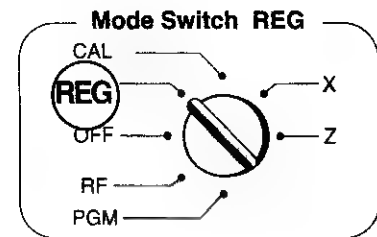


Charge key

•1.00 1\*  
 •2.00 2\*  
 •3.00 1\*  
 •6.00 TA  
 •0.24 TX  
 •6.24 CH Charge Sales

You cannot perform the amount tendered operation using the key.

## Part-1 QUICK START OPERATION



### 4-5 Split cash/ charge sales

Example

Unit Price	\$2.00	\$3.00	\$4.00
Quantity	1	1	1
Dept.	1	2	1
Cash Amount tendered	\$5.00		

**Operation**

2 0 0 + 5  
 3 0 0 - 6  
 4 0 0 + 5  
 SUB TOTAL  
 5 0 0 = CA/AMT/TEND  
 CH

**Printout**

•2.00 1\*  
 •3.00 2\*  
 •4.00 1\*  
 •9.00 TA  
 •0.36 TX  
 •9.36 ST  
 •5.00 CA — Cash Amount Tendered  
 •4.36 CH — Charge Sales

### 4-6 Corrections

Corrections can be made while you are registering the item (before you press a department key), or after it has already been registered into the memory (by pressing a department key).

#### 4-6-1 Before you press a department key

**AC C** key clears the last item entered.

Example

- Entered 400 for unit price by mistake instead of 100.

**Operation**

4 0 0 AC C  
 Wrong entry Clears the last item entered.  
 1 0 0 + 5  
 Correct entry Registered Department 1

**Printout**

•1.00 1\*

- Entered unit price first instead of quantity and then pressed **X/DATE TIME**.

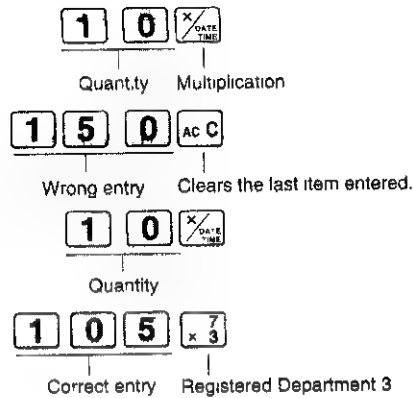
2 0 0 X/DATE TIME  
 Unit price Multiplication  
 AC C  
 Clears the last item entered.  
 5 X/DATE TIME  
 Quantity Multiplication  
 2 0 0 - 6  
 Unit price Registered Department 2

5 X  
 •2.00 @  
 •10.00 2\*



**Operation**
**Printout**

3. Entered 150 for unit price by mistake instead of 105.



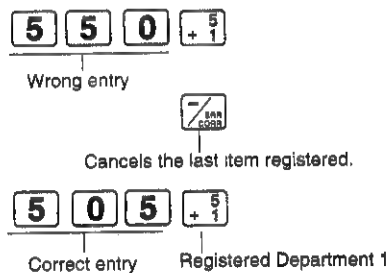
10 ×  
 •1•05 @  
 •10•50 3\*

**Part-1**
**4-6-2 After you pressed a department key**

 key cancels the last registered item.

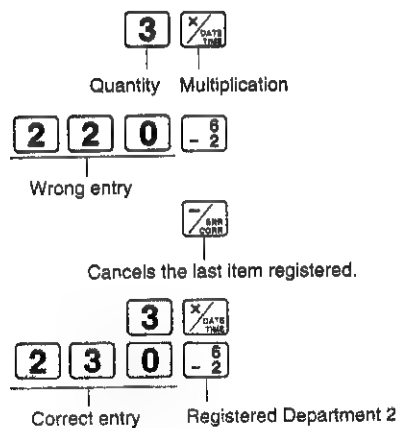
**Example**

1. Entered unit price 550 by mistake instead of 505 and pressed a department key.



•5•50 1\*  
 -5•50 VD  
 •5•05 1\*

2. Entered unit price 220 by mistake instead of 230 and pressed a department key.



3 ×  
 •2•20 @  
 •6•60 2\*  
 -6•60 VD  
 3 ×  
 •2•30 @  
 •6•90 2\*

## 5. Daily Management Report

This section tells you the procedures to use to produce reports of the transaction data stored in the cash register's memory.

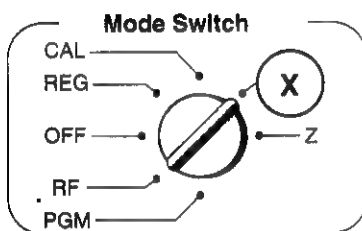
### Important

Remember that when you issue a reset (Z) report, the data that is reported is cleared from the applicable totalizers. To view data without clearing totalizers, issue a read (X) report.

### 5-1 Financial Report

Operation

Printout



01-08-95	_____	Date
14-27 0072	_____	Time/Consecutive No.
	X	Read Symbol
67	*	Gross Sales No. of Items
•270•48	*	Gross Sales Amount
38	NT	Net Sales No. of Customers
•271•24	NT	Net Sales Amount
•197•57	CA #	Cash Total in Drawer
•18•19	CH #	Charge Total in Drawer
•45•48	*CK	Check Total in Drawer

### 5-2 General Control Read/Reset Report

Operation

Printout

#### 5-2-1 Daily Read/Reset Report

Mode Switch to **(X)**  
(Read)



Mode Switch to **(Z)**  
(Reset)



Z (Reset) report

01-08-95	_____	Date
19-35 0073	_____	Time/Consecutive No.
0001	Z	Non-resettable No. of Resets/RESET Symbol <sup>1</sup>
48	1	No. of Items/Dept. No.
•50•10		Amount
28	2	
•76•40		
17	3	
•85•80		
4	4	
•76•00		
1	5	
•6•50		
0	6	
•0•00		
0	7	
•0•00		
10	8	
•22•00		
108	*	Gross Sales No. of Items
•316•80	*	Gross Sales Amount

•0•50	-	Reduction Amount
•0•66	%+	Premium/Discount Amount
•105•10	TA	Taxable Amount for Tax Table 1
•4•20	TX	Tax Amount for Tax Table 1
•75•60	* TA	Taxable Amount for Tax Table 2
•3•97	TX 2	Tax Amount for Tax Table 2
46	NT	Net Sales No. of Customers
•325•13	NT	Net Sales Amount
•325•13	1	Clerk Sales Amount/ Clerk No.
44	CA	Cash Sales Count
•203•91	CA	Cash Sales Amount
3	CH	Charge Sales Count
•16•22	CH	Charge Sales Amount
2	CK	Check Sales Count
•105•00	CK	Check Sales Amount
•6•00	RA	Received On Account Amount
•10•00	PO	Paid Out Amount
3	VD	Error Correction Count
1	RF	Refund (by MODE operation) Count
•3•00	RF	Refund (by MODE operation) Amount
5	CA X	No. of $\left[ \frac{\text{CA}}{\text{AMT}} \right]$ key operation
1	NS	No-sales Count
•199•91	CA #	Cash in Drawer
•16•22	CH #	Charge in Drawer
•105•00	* CK	Check in Drawer
000000		Non-resettable Grand Sales Total
0325•13		(printed only on RESET report)*2

\* X (Read) report is the same except "1" and "2".

### 5-2-2 Periodic Read/Reset Report

Operation

Printout

Mode Switch to **X** or **Z**

**1** **0**  $\left[ \frac{\text{CA}}{\text{AMT}} \right]$   $\left[ \frac{\text{CH}}{\text{TEND}} \right]$

01-08-95	—	Date
19-50 0074	—	Time/Consecutive No.
10 ....	X	Read Symbol
67	*	Gross Sales No. of Items
•270•73	*	Gross Sales Amount
38	NT	Net Sales No. of Customers
•271•24	NT	Net Sales Amount



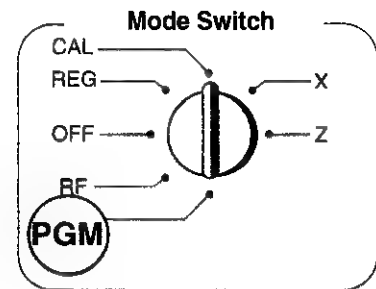
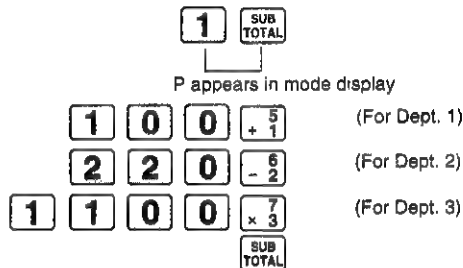
## CONVENIENT OPERATION

### 1. Various Programming

#### 1-1 Unit price for Departments

Example

Unit Price	\$1.00	\$2.20	\$11.00
Dept.	1	2	3

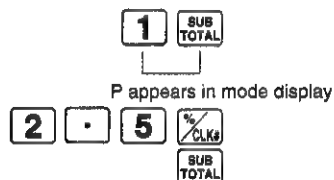


• Unit prices within the range of 0.01~9999.99.

#### 1-2 Rate for percent key

Example

Discount Rate	2.5%
---------------	------



(To end the setting)

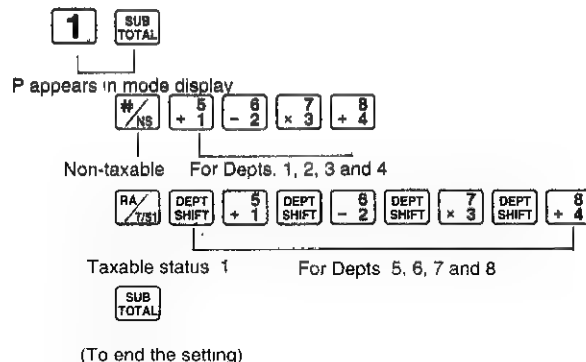
• The rate within the range of 00.01 to 99.99%.

#### 1-3 To change tax status for Departments

Example

Status	Non-taxable	Taxable 1
Depts.	1~4	5~8

Tax status for the Departments are fixed as follows:  
Departments 1~4: Taxable status 1 and 2.  
Departments 5~8: Non-Taxable status.



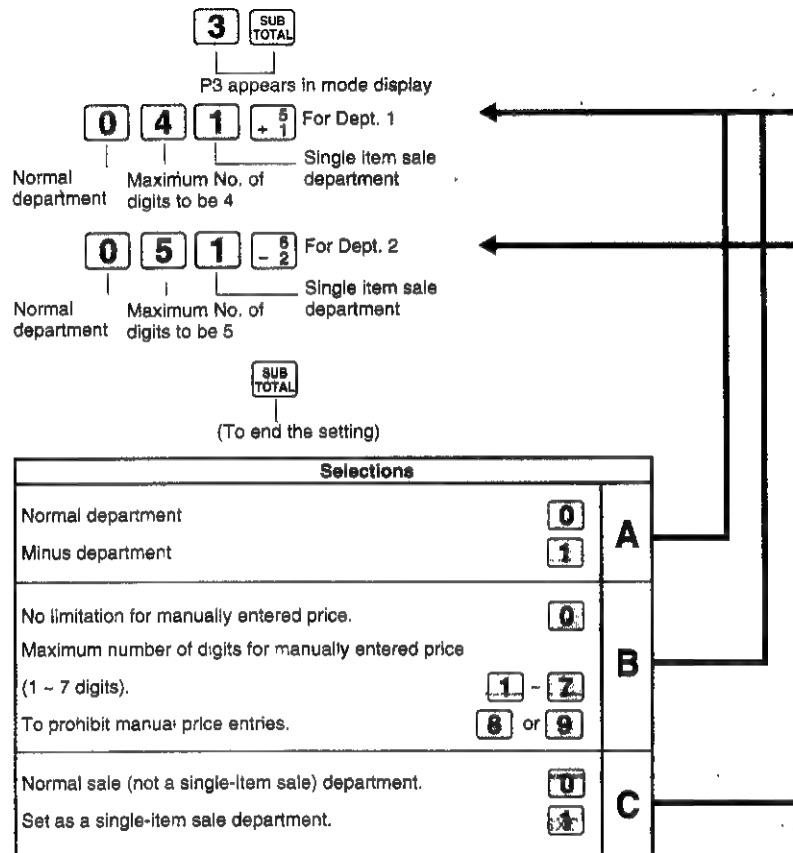
Selections	
Taxable status 1	RA / TS1
Taxable status 2	PD / TS2
Taxable status 1 and 2	RA / TS1 PD / TS2
Non-taxable status	# / NS



## 1-4 Status for Department

Example

Depts.	Selections		
	A	B	C
1	0	4	1
2	0	5	1



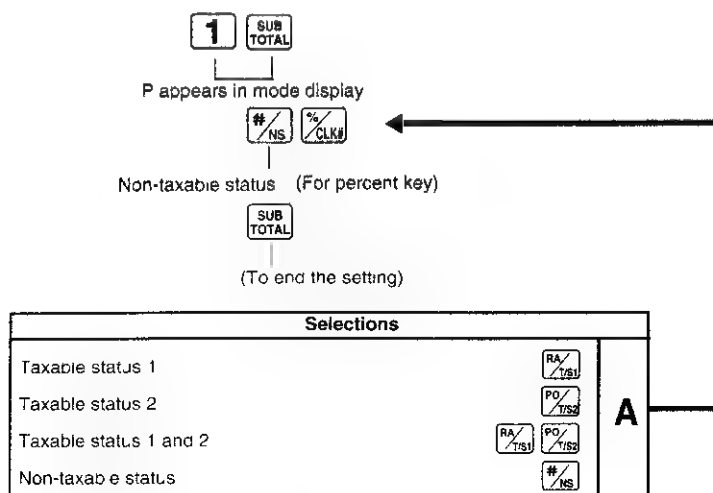
## 1-5 Status for percent key

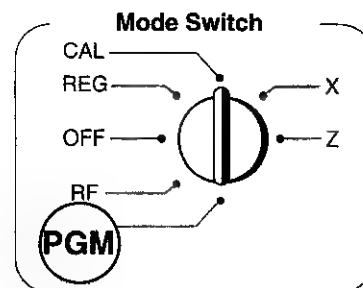
### 1-5-1 To change taxable status for the percent key

Taxable status 1 and 2 are fixed for the percent key.

Example

Change Percent key registration as a Non-taxable.

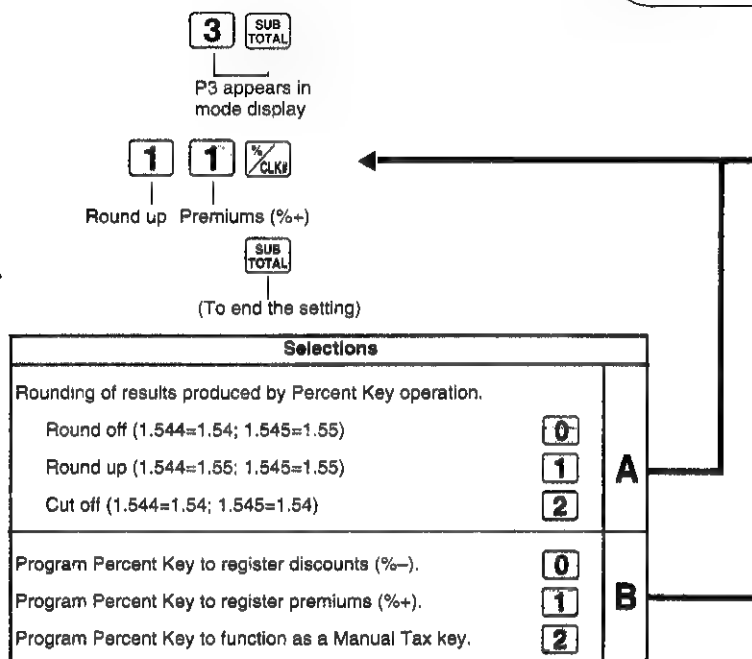




### 1-5-2 Status for percent key

Example

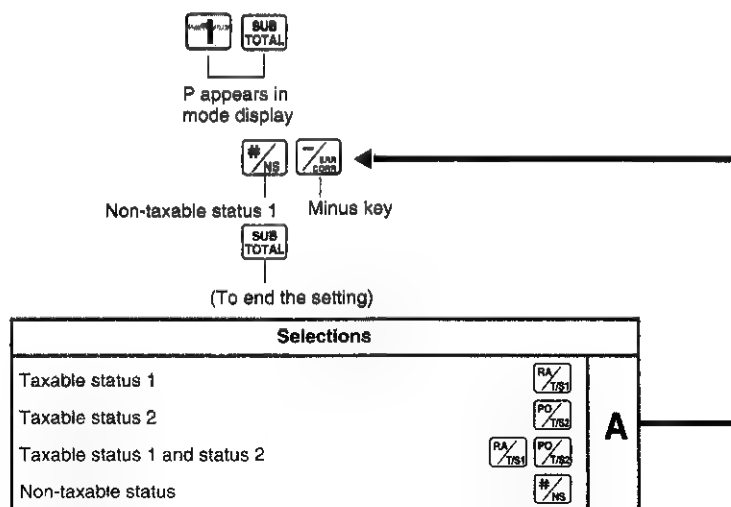
Round	Up
Percent	%+



### 1-6 Taxable Status for minus key

Example :

Change minus key registrations  
Non-taxable status.



## 1-7 General features

### 1-7-1 To set general controls

3 SUB TOTAL  
 P3 appears in mode display  
0 6 2 2 SUB TOTAL  
 Program code No  
0 0 0 = CA / AMT / TEND  
SUB TOTAL  
 Select a number from list A (To end the setting)  
 Select a number from list B Select a number from list C

Selections			
Maintain key buffer during receipt issue in REG mode.			
Reset the transaction number to zero whenever a General Control Reset Report is issued.			
Allow credit balance registration.			
No	Yes	No	<span style="border: 1px solid black; padding: 2px;">0</span>
		Yes	<span style="border: 1px solid black; padding: 2px;">1</span>
	No	No	<span style="border: 1px solid black; padding: 2px;">2</span>
		Yes	<span style="border: 1px solid black; padding: 2px;">3</span>
Yes	Yes	No	<span style="border: 1px solid black; padding: 2px;">4</span>
		Yes	<span style="border: 1px solid black; padding: 2px;">5</span>
	No	No	<span style="border: 1px solid black; padding: 2px;">6</span>
		Yes	<span style="border: 1px solid black; padding: 2px;">7</span>

**A**

Selections			
Allow partial cash amount tendered.			
Allow partial check amount tendered.			
Yes	Yes	<span style="border: 1px solid black; padding: 2px;">0</span>	<b>B</b>
	No	<span style="border: 1px solid black; padding: 2px;">2</span>	
No	Yes	<span style="border: 1px solid black; padding: 2px;">4</span>	
	No	<span style="border: 1px solid black; padding: 2px;">6</span>	

Selections			
Use the <span style="border: 1px solid black; padding: 2px;">00</span> key as a 000 key.			
Cashier assignment systems (sign in) is used.			
No	No	<span style="border: 1px solid black; padding: 2px;">0</span>	<b>C</b>
	Yes	<span style="border: 1px solid black; padding: 2px;">1</span>	
Yes	No	<span style="border: 1px solid black; padding: 2px;">2</span>	
	Yes	<span style="border: 1px solid black; padding: 2px;">3</span>	

## Part-2 CONVENIENT OPERATION

### 1-7-2 To set printing controls

3 SUB TOTAL  
 P3 appears in mode display  
0 5 2 2 SUB TOTAL  
 Program code No  
0 0 0 0 = CA/AMT/TEND  
 Select a number from list A      Select a number from list C      SUB TOTAL  
 Select a number from list B      (To end the setting)  
 Select a number from list D

**Mode Switch**

CAL

REG

OFF

RF

PGM

X

Z

Selections			
Use the printer to print a journal.	<span style="border: 1px solid black; padding: 2px;">0</span>		<b>A</b>
Use the printer to print receipts.	<span style="border: 1px solid black; padding: 2px;">1</span>		

Selections			
Print zero-total item on the General Control Read/Reset Reports.	<span style="border: 1px solid black; padding: 2px;">0</span>		<b>B</b>
Do not print zero-total item on the General Control Read/Reset Reports.	<span style="border: 1px solid black; padding: 2px;">1</span>		

Selections				
Print RF switch mode refund count/amount on the General Control Read/Reset Reports.			<b>C</b>	
Print the grand sales total on the General Control Read/Reset Reports.				
Print the time on the receipt and journal.				
Yes	No	Yes		<span style="border: 1px solid black; padding: 2px;">0</span>
		No		<span style="border: 1px solid black; padding: 2px;">1</span>
	Yes	Yes		<span style="border: 1px solid black; padding: 2px;">2</span>
		No		<span style="border: 1px solid black; padding: 2px;">3</span>
No	No	Yes		<span style="border: 1px solid black; padding: 2px;">4</span>
		No		<span style="border: 1px solid black; padding: 2px;">5</span>
	Yes	Yes		<span style="border: 1px solid black; padding: 2px;">6</span>
		No		<span style="border: 1px solid black; padding: 2px;">7</span>

Selections				
Print the consecutive number on the receipt/journal.			<b>D</b>	
Print the subtotal on the receipt/journal when the Subtotal Key is pressed.				
Skip item print on journal.				
No	No	Yes		<span style="border: 1px solid black; padding: 2px;">0</span>
		No		<span style="border: 1px solid black; padding: 2px;">1</span>
	Yes	Yes		<span style="border: 1px solid black; padding: 2px;">2</span>
		No		<span style="border: 1px solid black; padding: 2px;">3</span>
Yes	No	Yes		<span style="border: 1px solid black; padding: 2px;">4</span>
		No		<span style="border: 1px solid black; padding: 2px;">5</span>
	Yes	Yes		<span style="border: 1px solid black; padding: 2px;">6</span>
		No		<span style="border: 1px solid black; padding: 2px;">7</span>

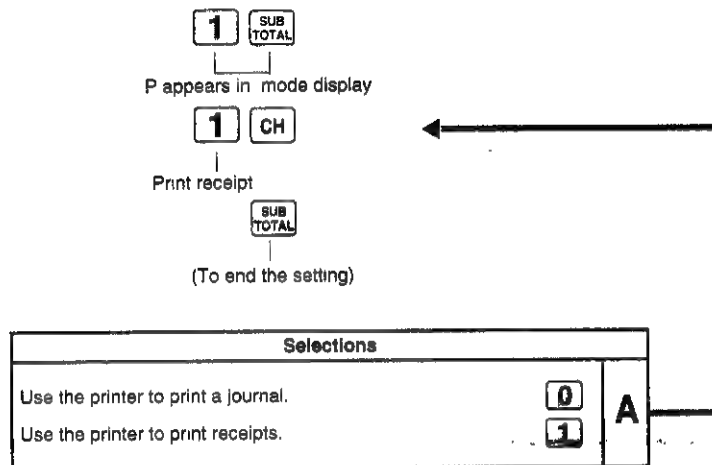


### 1-7-3 Printer switch for Receipt or Journal

The printer is fixed as journal after initialized operation.

Example

To print a receipt.



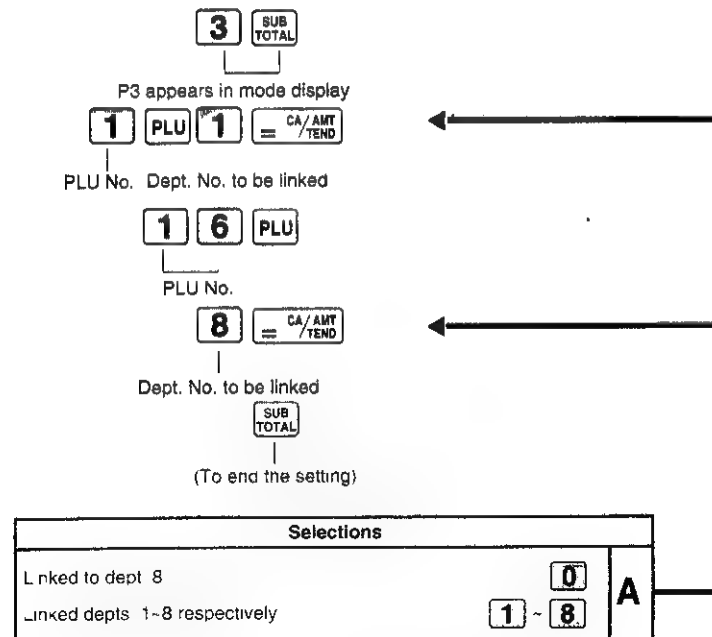
- Printer selection to print a journal or receipts can also be set on procedures 1-7-2 "To set printing controls".

## 1-8 PLU setting

### 1-8-1 Linkage with Departments

Example

PLU No.	1	16
Link Dept. No.	1	8



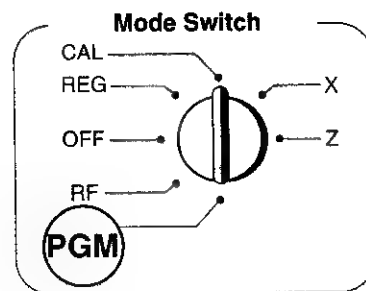
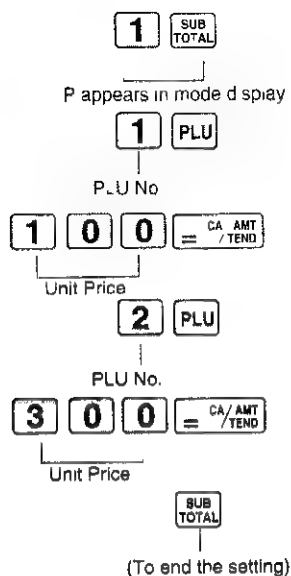
- 16 PLUs can be set.
- When the linked department is not specified, the PLU is linked to department 8.
- Status for a single-item sale, minus status and tax status are followed the specified linked department.

## Part-2 CONVENIENT OPERATION

### 1-8-2 Unit Prices for PLUs

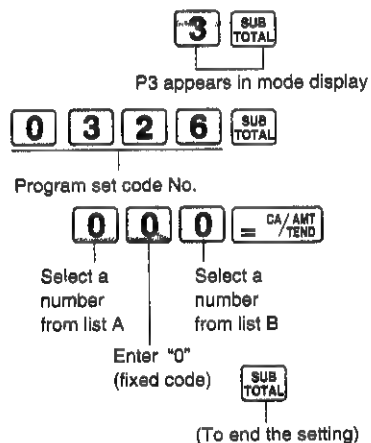
Example

PLU No	1	2
Unit Price	\$1 00	\$3 00



• Unit prices within the range of \$0.01~999.99.

### 1-9 To control Tax Status printing



Selections	
Print Tax status symbols.	0
Do not print Tax status symbols	2

Selections	
Print taxable amount.	
Print taxable amount and tax amount for Add-in	
Yes	Yes 0
	No 1
No	Yes 2
	No 3

# 1-10 Printing to read All Preset Data

## 1-10-1 Printing preset data except PLU settings

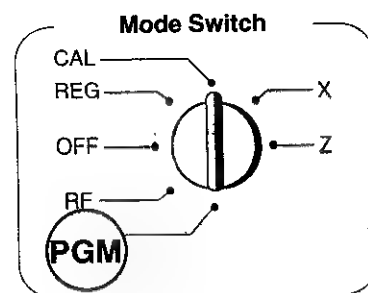
Operation

Printout

CA/AMT  
TEND

01-08-95		Date
14-24 0070		Time/Consecutive No.
	×	Read Symbol
1.....1.00	*	Dept. No./Unit Price/Tax Status
.041		Normal Dept./Digit Limit/Single Item
2.....2.20	*	
.051		
3.....11.00	*	
.000		
4.....0.00	*	
.000		
-----	#	Minus/Tax Status
2.5	%	Percent Rate/%+ or %-
.11	#	Percent Key Control/Tax Status
0122.....12		Date/Add Mode Control (fixed)
0522..1022		Print Control
0622..0000		General Control
1022.....0		Calculation Control
0326...002		Tax Control
0125.....		
0.0000	%	Tax Table 1
0001		Break Points Control
0001		
10		
30		
54		
73		
110		
0225.....		Tax Table 2
5.2500	%	
5002		Rounding Specifications/ Tax System Specifications
0000		
01-08-95		

Part-2



## 1-10-2 Printing preset PLU settings



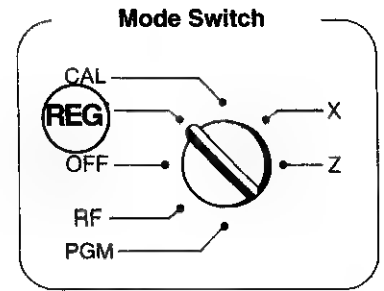
**1** = CA/AMT/TEND

01-08-95	Date
14-26 0071	Time/Consecutive No.
X	Read Symbol
01....1.00 1	PLU. No./Unit Price/ Linked department
02....2.00 2	
03....0.00 3	
04....0.00 4	
05....0.00 5	
06....0.00 6	
07....0.00 7	
09....0.00 1	
16....0.00 4	
01-08-95 1	

## 2. Various Operations

### 2-1 Registration using preset price for Departments.

(Programming: See page 18)



Example

Unit Price	\$1.00	\$2.20	\$11.00
Quantity	1	2	4
Depts.	1	2	3
Amount tendered	\$52.00		

Operation	Printout
<div> <div>5</div> <div>+</div> <div>1</div> </div> <div> <div>8</div> <div>-</div> <div>2</div> </div> <div> <div>6</div> <div>-</div> <div>2</div> </div> <div> <div>4</div> <div> <div>DATE</div> <div>TIME</div> </div> <div>×</div> <div>3</div> </div> <div> <div>SUB</div> <div>TOTAL</div> </div> <div> <div>5</div> <div>0</div> <div>0</div> <div>0</div> <div>=</div> <div>CA/AMT</div> <div>TEND</div> </div>	<div> <div>•1•00</div> <div>1*</div> <div>Unit Price Programmed to Department 1</div> </div> <div> <div>•2•20</div> <div>2*</div> <div>Unit Price Programmed to Department 2</div> </div> <div> <div>•2•20</div> <div>2*</div> <div>Repeat</div> </div> <div> <div>4</div> <div>×</div> <div>Multiplication Symbol</div> </div> <div> <div>•11•00</div> <div>@</div> <div>Unit Price Programmed to Department 3</div> </div> <div> <div>•44•00</div> <div>3*</div> </div> <div> <div>•49•40</div> <div>TA</div> </div> <div> <div>•1•98</div> <div>TX</div> </div> <div> <div>•51•38</div> <div>ST</div> </div> <div> <div>•52•00</div> <div>CA</div> <div>Cash Amount Tendered</div> </div> <div> <div>•0•62</div> <div>CG</div> <div>Change</div> </div>

### 2-2 Single-Item Sales

(Programming: See page 19)

Example 1:

Status	Single item sale
Unit Price	\$.50
Quantity	1
Dept.	1

<div>5</div> <div>0</div> <div>+</div> <div>5</div> <div>1</div>	<div>•0•50</div> <div>1*</div>	
	<div>•0•50</div> <div>TA</div>	Taxable Amount
	<div>•0•02</div> <div>TX</div>	Tax
	<div>•0•52</div> <div>CA</div>	Cash Sales

For this example, Dept. 1 is programmed for a single-item-sale.  
(Programming: See page 19.)

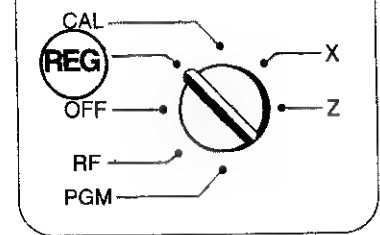
Example 2:

Status	Normal	Single item sale
Unit Price	\$1.00	\$0.50
Quantity	1	1
Dept.	2	1

<div>1</div> <div>0</div> <div>0</div> <div>-</div> <div>6</div> <div>2</div>	<div>•1•00</div> <div>2*</div>	
<div>5</div> <div>0</div> <div>+</div> <div>5</div> <div>1</div>	<div>•0•50</div> <div>1*</div>	
<div>SUB</div> <div>TOTAL</div>	<div>•1•50</div> <div>TA</div>	Taxable Amount
<div>=</div> <div>CA/AMT</div> <div>TEND</div>	<div>•0•06</div> <div>TX</div>	Tax
	<div>•1•56</div> <div>CA</div>	Cash Sales

Single-item sale cannot be finalized if an item is registered previously.

## Mode Switch



## 2-3 Check Sales

Example:

Unit Price	\$35.00
Quantity	2
Dept.	4

Operation

3 5 0 0 + 8  
+ 4  
8  
+ 4  
SUB  
TOTAL  
CHK

Printout

•35.00 4 \*  
•35.00 4 \*  
•70.00 TA  
•2.80 TX  
•72.80 CK

Check Sales

## 2-4 Change the Tax Status

(Programming: See page 18)

Example:

Unit Price	\$1.00	\$2.00
Quantity	1	1
Depts.	1	2
Preset Status	Taxable 1	Taxable 1
This Registration	Non-taxable	Taxable 1

RA  
T/S1  
1 0 0 + 5  
2 0 0 + 1  
6  
CA/AMT  
TEND

•1.00 1 TX 2  
•2.00 2 \*  
•2.00 TA  
•0.08 TX  
•3.08 CA

## 2-5 Manual Tax

Example:

Unit Price	\$1.00	\$2.00
Quantity	1	1
Depts.	1	2

1 0 0 + 5  
1 0 % CLK  
2 0 0 - 2  
CA/AMT  
TEND

•1.00 1 \*  
10 % -  
-0.10 \*  
•2.00 2 \*  
•2.90 TA  
•0.12 TX  
•3.02 CA

Manual Tax Symbol

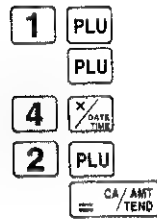
 key is programmed to function as a Manual Tax key (see page 20).

## 2-6 PLU operation

(Programming: See page 23)

Example:

PLU No.	1	2
Unit Price	\$1.00	\$2.00
Quantity	2	4
Cash Amount Tendered	\$13.00	



•1•00	1 *	Linked Department No
•1•00	1 *	Repeat
4	x	Multiplication Symbol
•2•00	@	Preset Unit Price
•8•00	2 *	
•10•00	TA	
•0•40	TX	
•10•40	CA	Cash Amount Tendered

When a PLU is registered, the linked department number is printed instead of the entered PLU number.

## 2-7 PLU Single-Item Sales

(Programming: See page 23)

Example 1:

PLU No.	1
Status	Single item sale
Unit Price	\$1.00
Quantity	1



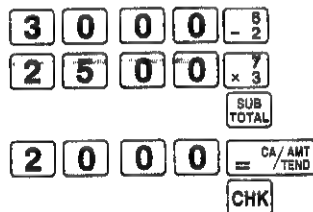
•1•00	1 *	Taxable Status Symbol
•1•00	TA	Taxable Amount
•0•04	TX	Tax
•1•04	CA	

- For this example, linked department 1 is programmed for a single-item-sale. (Programming: See page 19.)
- Single-item sale cannot be finalized if an item is registered previously.

## 2-8 Split cash/check sales

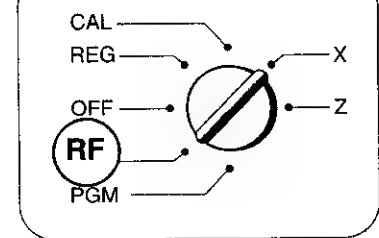
Example:

Unit Price	\$30.00	\$25.00
Quantity	1	1
Depts.	2	3
Cash amount tendered	\$20.00	
Check	\$37.20	



•30•00	2 *	
•25•00	3 *	
•55•00	TA	
•2•20	TX	
•57•20	ST	
•20•00	CA	
•37•20	CK	

## Mode Switch



## 2-9 Refund

Operation

Printout

### Example

Unit Price	\$1.00	\$2.00
Quantity	1	1
Dept.	2	3

1 0 0 - 2  
2 0 0 x 3  
SUB  
TOTAL  
= CA / AMT / TEND

13-55 0040 RF Refund Mode Symbol

• 1.00 2 \*

• 2.00 3 \*

• 3.00 TA

• 0.12 TX

• 3.12 CA

After you finish RF mode operation, be sure to return the Mode Switch to the REG (register) setting.

## 2-10 Cashier Assignment

(Programming: See page 21)

## Mode Switch

In any mode REG, RF, CAL, X or Z, except PGM

Cashier assignment system is used to control each cashier (or clerk) sales total. When you select this function on page 21, you can get 4 cashiers (or clerk) sales data.

Cashier assignment must be performed prior to starting registration or any other operation, except Program mode.

1 % CLK ← Cashier ID No. is signed on (registered)

Selections

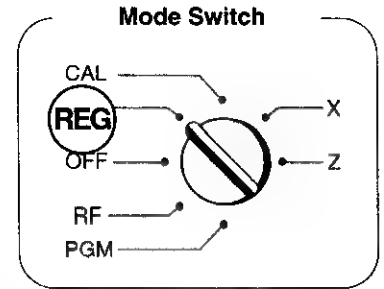
Sign off (cancel) the assignment of cashier ID No. 0 A

Assign a cashier ID No. 1 through 4. 1 ~ 4

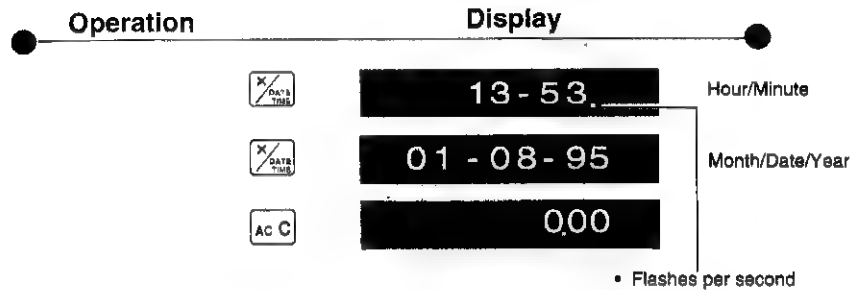
- Currently assigned cashier (or clerk) ID number is printed on the receipt or journal for each transaction.
- The assigned clerk memory number is automatically signed off when the mode key is set to OFF position.
- The assigned clerk (or cashier) sales totals with ID number are printed on the receipt or journal when you perform daily X/Z sales report.



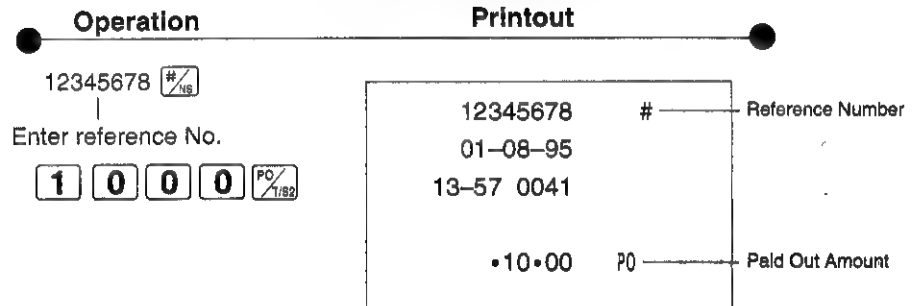
## 2-11 Other registrations



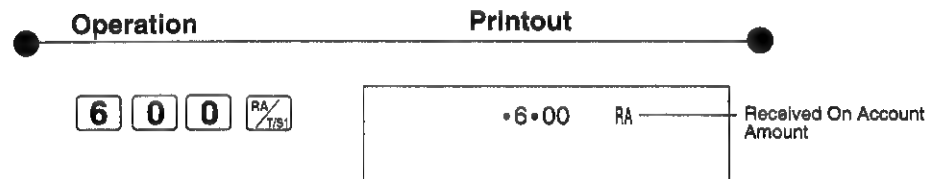
### 2-11-1 Reading the Time and Date



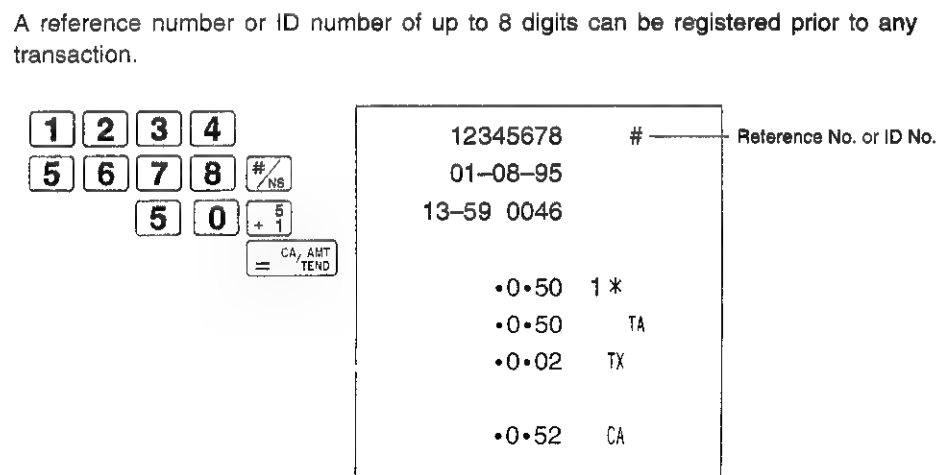
### 2-11-2 Paid out from cash in drawer



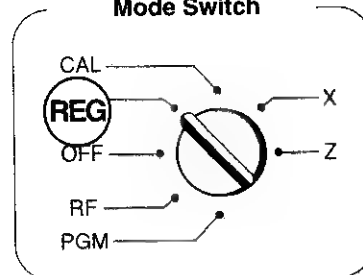
### 2-11-3 Cash received on account



### 2-11-4 Registering identification numbers



## Mode Switch



### 2-11-5 Reduction on subtotal

Operation

Printout

Example:  
Amount due reduced by \$0.50.

1	0	0	+ 5
2	0	0	+ 4
			SUB TOTAL
5	0	- 50	
			CA / AMT TEND

```

•1.00 1*
•2.00 4*
•3.12 ST
-0.50
•3.00 TA
-0.12 TX
•2.62 CA
    
```

### 2-11-6 Premium/Discount

- 2.5% premium/discount (programmed to key) applied to first item.
- Be sure to use key when you wish to apply a premium/discount to the subtotal. You cannot use the key.
- 7% premium/discount applied to transaction total.
- For programming the key as percent minus or percent plus, see page 20.
- For programming percent rate, see page 18.

1	0	0	+ 5
			% CLK
2	0	0	- 6
3	0	0	+ 5
			% CLK
7	% CLK		
			CA / AMT TEND

#### Premium

```

•1.00 1*
  2.5 % Premium Rate
•0.03 * Premium Amount
•2.00 2*
•3.00 1*
•6.03 ST Subtotal
  7 % Premium Rate
•0.42 * Premium Amount
•6.45 TA
•0.26 TX
•6.71 CA
    
```

#### Discount

```

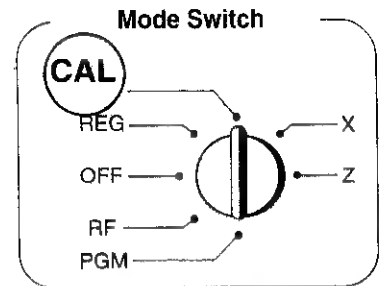
•1.00 1*
  2.5 % Discount Rate
-0.03 * Discount Amount
•2.00 2*
•3.00 1*
•5.97 ST Subtotal
  7 % Discount Rate
-0.42 * Discount Amount
•5.55 TA
•0.23 TX
•5.78 CA
    
```

# Part 3

## CALCULATOR FUNCTION

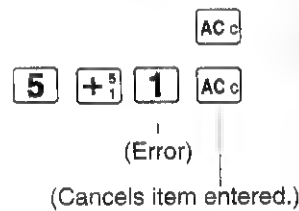
### 1. Calculator Mode

While registering at REG mode, you can switch to CAL mode and then return to REG mode to resume the registration.



#### 1-1 Calculation examples

5+3-2=



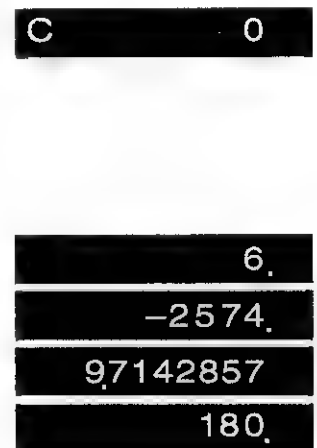
(23-56)×78=



(4×3-6)+3.5+8=



12% on 1500



#### 1-2 Memory recall

Recalls the current amount onto the display.

- during registration: current subtotal
- registration has been completed: the last amount

##### On CAL mode

Example:

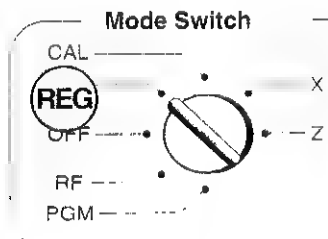
Divide the current subtotal \$30.00 at REG mode by 3 (to divide the bill between 3 people).



Memory recall

##### On REG mode

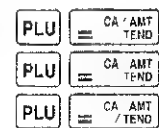
Recalls the current result by pressing  $\frac{=}{\text{CA/AMT TEND}}$  key at CAL mode on the display.



Example:

Recall the current result at CAL mode during registration, and register the cash amount due for each person

##### Operation

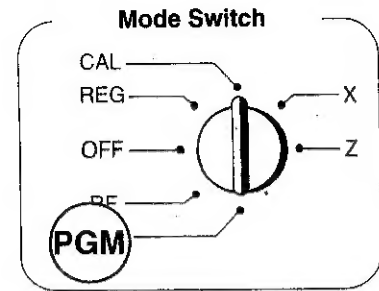


Memory recall

##### Printout

•10.00	1
•20.00	2
•30.00	ST
•10.00	CA
•10.00	CA
•10.00	CA
•10.00	CA
•0.00	CG

### 1-3 Setting for calculator operation



3 SUB TOTAL

P3 appears in mode display

1 0 2 2 SUB TOTAL

Program Code No.

0 = CA / AMT / TEND

Select a number from list A.

SUB TOTAL

(To end the setting)





Selections				
Open drawer whenever <input type="checkbox"/> CA / AMT / TEND is pressed.*			A	
Open drawer whenever <input checked="" type="checkbox"/> is pressed.				
Print No. of Equal key operations on General Control X and Z reports.				
Yes	No	No		0
		Yes		1
	Yes	No		2
		Yes		3
No	No	No		4
		Yes	5	
	Yes	No	6	
		Yes	7	

\* Drawer does not open during registration procedures even if you press ☐ CA / AMT / TEND by turning the mode switch to CAL position.



## USEFUL INFORMATION

### 1. Troubleshooting

	Symptom/Problem	Most common causes	Solutions
1	E01 appears on the display.	Changing modes without completing transaction or programming.	Return key to where it stops buzzing and press  .
2	E08 appears on the display.	Sign on operation is not performed.	Prior to starting registration of any other operation, press  ~  and then  .
3	E94 appears on the display.	Printer paper is jammed.	Remove jammed paper. Turn Mode switch to OFF then turn to ON, or Turn power OFF and then turn power ON.
4	No date or time on receipt. Paper is not advancing enough.	Printer is programmed as a journal.	Program printer to print receipts.
5	Key won't turn to Z, X, PGM and RF modes.	Using OP key.	Use the PGM key.
6	Drawer opens up after ringing up only one time.	Department is programmed as a single item dept.	Program the dept. as a normal dept.
7	Not clearing totals at end of day after taking report.	Using X mode to take out reports.	Use Z mode to take out reports.
8	Programming is lost whenever register is unplugged or there is a power outage.	Bad or no batteries.	Put in new batteries.
9	Register is inoperative. Can't get money out of drawer.	No power.	Pull lever underneath register at rear.

**Note:**

*If you cannot resolve your difficulty, please feel free to call your dealer or 1-800-638-9228. (1-800-661-2274 in Canada)*

### 2. Specifications

#### INPUT METHOD

Entry: 10-key system; Buffer memory <sup>26</sup> keys (2-key roll over)  
 Display (Digitron): Amount 8 digits (zero suppression); Department No.; No. of repeats; TOTAL; CHANGE

#### PRINTER

Receipt: 14 digits (Amount 10 digits, Symbol 4 digits)  
 (or journal) Automatic paper roll winding (journal)  
 Paper roll: 58 mm x 80 mm Ø (Max.)

#### CALCULATIONS

Entry 8 digits; Registration 7 digits; Total 8 digits

#### CALCULATOR FUNCTION

8 digits; Arithmetic calculations; Percent calculations

#### Memory protection batteries:

The effective service life of the memory protection batteries (3 UM-3, R6P (SUM-3) or LR6 (AM-3) type batteries) is approximately one year from installation into the machine.

Power source: AC 120V, AC (±10%) fixed.  
 Power consumption: 0.07A on stand-by; 0.11A maximum  
 Operating temperature: 32°F to 104°F (0°C to 40°C)  
 Humidity: 10 to 90%  
 Dimensions: 8 1/2"(H)×13"(W)×14 3/16"(D) with S drawer  
 (219 mm(H)×330 mm(W)×360 mm(D))  
 Weight: 8.8 lbs (4.0 kg) with S drawer

*Specifications and design are subject to change without notice.*

## **GUIDELINES LAID DOWN BY FCC RULES FOR USE OF THE UNIT IN THE U.S.A.**

**(Not applicable to other areas)**

**WARNING:** This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of the FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

### **LIMITED WARRANTY: ELECTRONIC CASH REGISTERS**

This product, except the battery, is warranted by Casio to the original purchaser to be free from defects in material and workmanship under normal use for a period, from the date of purchase, of one year for parts and 90 days for labor. For one year, upon proof of purchase, the product will be repaired or replaced (with the same or a similar model) at Casio's option, at a Casio Authorized Service Center without charge for parts. Labor will be provided without charge for 90 days. The terminal resident software and programmable software, if any, included with this product or any programmable software which may be licensed by Casio or one of its authorized dealers, is warranted by Casio to the original licensee for a period of ninety (90) days from the date of license to conform substantially to published specifications and documentation provided it is used with the Casio hardware and software for which it is designed.

For a period of ninety (90) days, upon proof of license, Casio will, at its option, replace defective terminal resident software or programmable software, correct significant program errors, or refund the license fee for such software. Significant program errors will be significant deviations from written documentation or specifications. These are your sole remedies for any breach of warranty. In no event will Casio's liability exceed the license fee, if any, for such software. This warranty will not apply if the product has been misused, abused, or altered.

Without limiting the foregoing, battery leakage, bending of the unit, a broken display tube, and any cracks or breaks in the display will be presumed to have resulted from misuse or abuse. To obtain warranty service you must take or ship the product, freight prepaid, with a copy of the sales receipt or other proof of purchase and the date of purchase, to a Casio Authorized Service Center. Due to the possibility of damage or loss, it is recommended when shipping the product to a Casio Authorized Service Center that you package the product securely and ship it insured. CASIO HEREBY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. NO RESPONSIBILITY IS ASSUMED FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION DAMAGES RESULTING FROM MATHEMATICAL INACCURACY OF THE PRODUCT OR LOSS OF STORED DATA. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. This warranty gives you specific rights, and you may also have other rights which vary from state to state.

**CASIO, INC.**  
570 MOUNT PLEASANT AVENUE,  
P. O. BOX 7000, DOVER, NEW JERSEY 07801 U.S.A.

### **LIMITED WARRANTY: ELECTRONIC CASH REGISTER DIVISION**

This product, except the battery, is warranted by Casio Canada Limited to the original purchaser to be free from defects in materials and workmanship under normal use for a period of six months from the date of purchase. During the warranty period, and upon proof of purchase, the product will be repaired or replaced (with the same or a similar model) at Casio's option, at a Casio Authorized Service Centre without charge for either parts or labour. The terminal resident software and programmable software, if any, included with this product or any programmable software which may be licensed by Casio or one of its authorized dealers, is warranted by Casio to the original licensee for a period of ninety (90) days from the date of license to conform substantially to published specifications and documentation provided it is used with the Casio hardware and software for which it is designed.

For a period of ninety (90) days, upon proof of license, Casio will, at its option, replace defective terminal resident software or programmable software, correct significant program errors, or refund the license fee for such software. Significant program errors will be significant deviations from written documentation or specifications. These are your sole remedies for any breach of warranty. In no event will Casio's liability exceed the license fee, if any, for such software. This warranty will not apply if the product has been misused, abused, or altered.

Without limiting the foregoing, battery leakage, bending of the unit, a broken display tube, and any cracks or breaks in the display will be presumed to have resulted from misuse or abuse. To obtain warranty service you must take or ship the product, freight prepaid, with a copy of your sales receipt or other proof of purchase and the date of purchase, to a Casio Authorized Service Centre. Due to the possibility of damage or loss, it is recommended when sending the product to a Casio Authorized Service Centre that you package the product and send it insured. Names and addresses of Authorized Service Centres are available by calling (416) 431 - 3009. CASIO HEREBY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY, MERCHANTABLE QUALITY, DURABILITY, OR OF FITNESS FOR A PARTICULAR PURPOSE. NO RESPONSIBILITY IS ASSUMED FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, FORESEEABLE OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM MATHEMATICAL INACCURACY OF THE PRODUCT OR LOSS OF STORED DATA, EVEN IF CAUSED BY THE NEGLIGENCE OF CASIO, ITS EMPLOYEES OR AGENTS, AND NOTWITHSTANDING ANY FUNDAMENTAL BREACH BY CASIO.

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canada Department of Communications.

Model: ..... Serial Number: ..... Date of Purchase: .....

Your Name: .....

Address: .....

Dealer's Name: .....

Address: .....

**CASIO SERVICE CENTER**  
2050 ELLESMERE ROAD, UNIT 1, SCARBOROUGH, ONT. M1H 3A9  
FOR THE LOCATION OF THE NEAREST SERVICE CENTRE CALL: (416) 431 - 3009

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